



**MASSEY FERGUSON**  
LAWN & GARDEN EQUIPMENT

# Parts Manual



## **Lancer / 4400** Series Riding Mowers & Mower Decks

### **16HP Product**

<b>Mfg. No.</b>	<b>Description</b>
1694772	Lancer, 16HP Hydro (CE)
1694785	4416XL, 16HP Hydro (CE)
1694786	Lancer, 16HP Hydro (CE)
1694787	4416XL, 16HP Hydro (CE)

### **Mower Decks**

<b>Mfg. No.</b>	<b>Description</b>
1694344	40" Mower Deck (CE)
1694345	40" Mower Deck (CE)
1694783	44" Mower Deck (CE)
1694784	44" Mower Deck (CE)

**Part No.:** 1731174

**Rev.** 09/2005

TP 400-4206-01-LN-SM

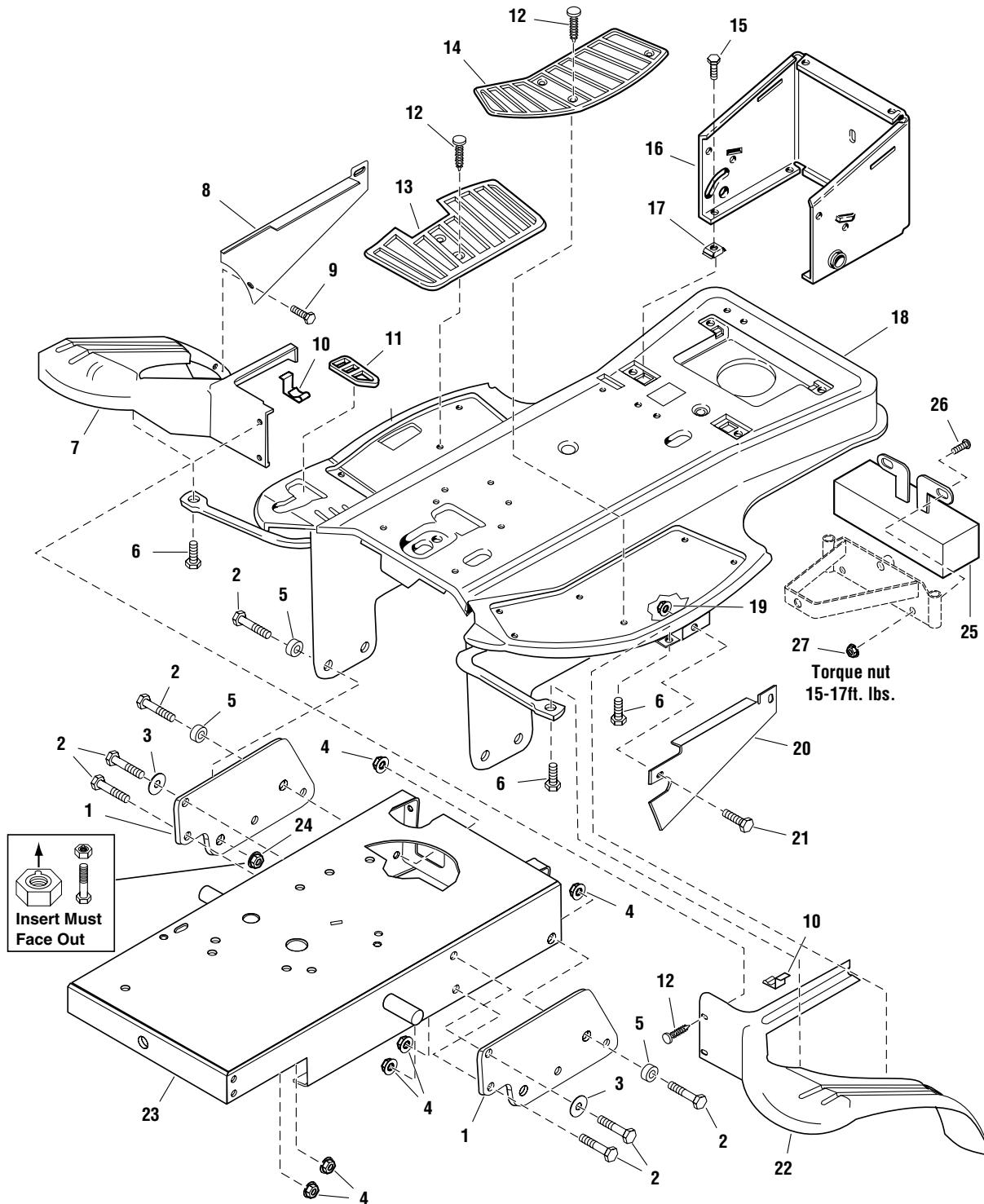


<b>PRODUCT COMPONENTS</b>	<b>PAGES</b>
Frame Group .....	4
Steering Group .....	6
Engine & Electric Clutch - 16HP Briggs & Stratton .....	10
Transmission Group .....	12
Transmission SERVICE PARTS - Tuff Torq K-46Q .....	14
Controls Group .....	18
Electrical Group .....	20
Seat Deck & Fuel Tank Group .....	22
Lift Group .....	24
Wheels & Tires Group .....	26
Decals - Brand & Model .....	28
Decals - Safety & Common .....	30
Mower Frame Group - with Height Adjustment .....	32
40" Mower Deck - Belt, Idler Arm & Hitch .....	34
40" Mower Deck - Height Adjustment & Roller Bar .....	36
40" Mower Deck - Height Adjustment & Roller Bar (Later) .....	40
40" Mower Deck - Housing, Arbors & Blades .....	42
44" Mower Deck - Belt, Idler Arm & Hitch .....	46
44" Mower Deck - Height Adjustment & Roller Bar .....	48
44" Mower Deck - Housing, Arbors & Blades .....	50
<b>Torque Specification Chart .....</b>	<b>Inside Back Cover</b>

## Frame Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985955



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## Frame Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1722359A	2	PLATE, Pivot
2	1920415	8	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
3	1960071	2	WASHER, 3/8, Black
4	1928352	6	NUT, Hex Flange Lock, Black
5	2154177	4	SPACER
6	1931648	6	CAPSCREW, Hex Head, Flange Lock, 5/16-18 x 1/2, Black
7	1723144	1	SHROUD, Wheel, RH
8	1723290A	1	SKIRT, Side, RH
9	1960001	2	CAPSCREW, Hex Washer Head, Plastite, # 10-14 x 5/8, Black
10	1723691	2	CLIP, Shroud
11	1715015	1	PLUG, Hole
12	1704351	14	FASTENER, Panel
13	1714418	1	PAD, Footrest, RH
14	1714417	1	PAD, Footrest, LH
15	1930591	4	CAPSCREW, Hex Head Whiz Lock, 5/16-18 x 3/4, Black
16	1722453A	1	WRAPPER, Rear Frame
17	1935255	4	NUT, Speed, Lug, 5/16-18
18	1722514A	1	FRAME ASSEMBLY, Rear
19	1960294	1	NUT, Hex, Flange, 1/4-20, Black
20	1723289A	1	SKIRT, Side, LH
21	1924009	1	CAPSCREW, Hex Head, 1/4-20 x 7/8, Black
22	1723145	1	SHROUD, Wheel, LH
23	1722494A	1	FRAME ASEMBLY, Transmission
24	2860641	2	NUT, Hex Lock Aluminum Insert, 3/8-16
25	1723873A	1	WEIGHT & TAB ASSEMBLY, 75 lbs.
26	1931335	2	CARRIAGE BOLT, 5/16-18 x 1
27	1927557	2	NUT, Hex, Flange Whiz Lock, 5/16-18

## Footnotes

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### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

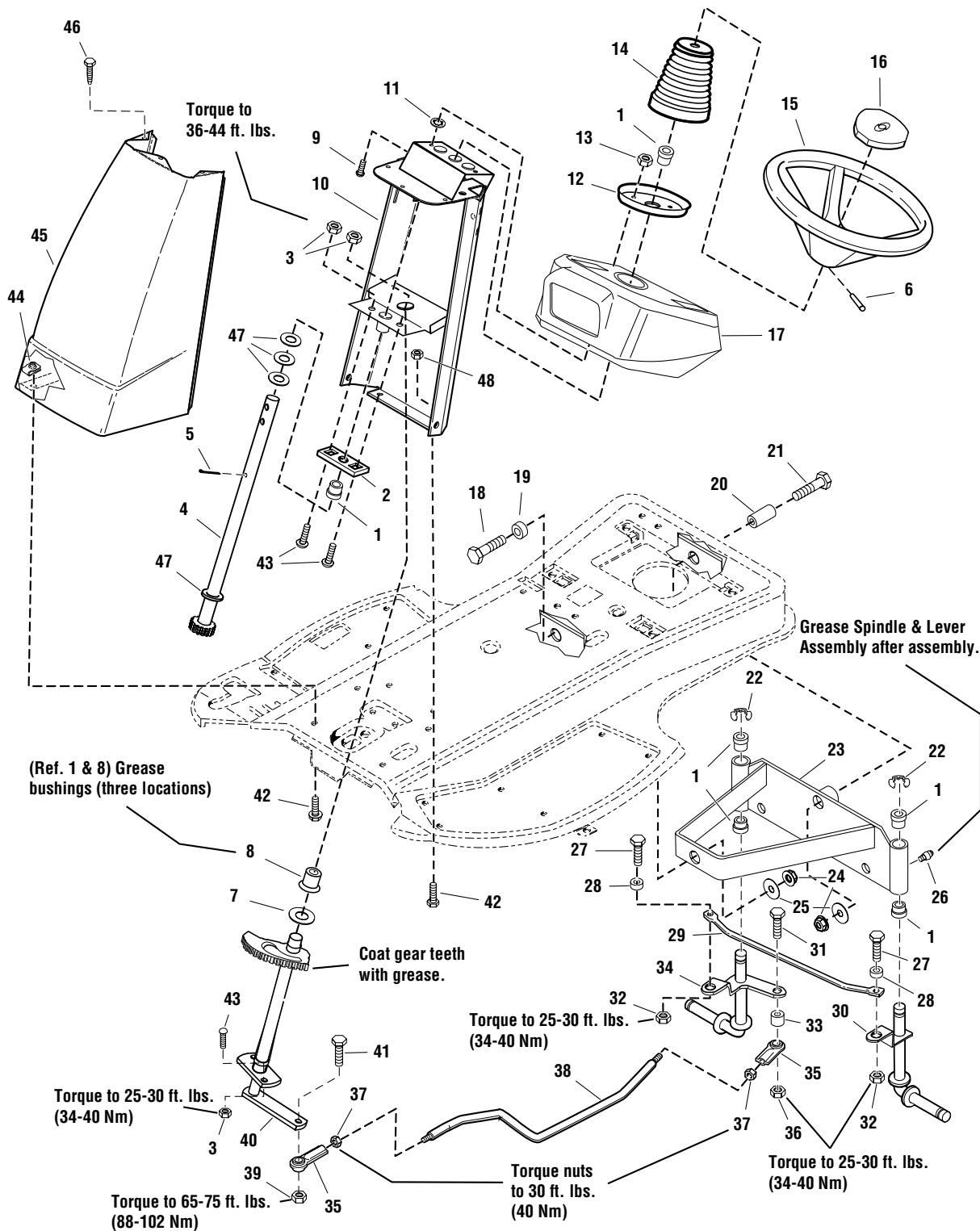
1694786 - Lancer

1694787 - 4416XL

## Steering Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985951



The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## Steering Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	2176440	6	BUSHING, Nylon
2	1703508A	1	PLATE, Mounting
3	1928352	4	NUT, Hex Flange Whiz Lock, 3/8-16, Black
4	1722495	1	SHAFT & PINION ASSEMBLY
5	1919314	1	PIN, Cotter, Black
6	1960540	1	PIN, Spring, 5/16 x 2-1/2, Black
7	2860202	1	WASHER, 3/4
8	1666001	1	BUSHING, Metal
9	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
10	1722497A	1	SUPPORT ASSEMBLY
11	1960518	2	NUT, Push, 1/4, Black
12	1721736A	1	PLATE, Mounting
13	2828732	2	NUT, Hex KEPS, 1/4-20, Black
14	1722749	1	COVER, Black Rubber
15	1722738	1	STEERING WHEEL
16	1722319	1	CAP, Steering Wheel
17	1723111	1	DASHBOARD
18	1921525	1	CAPSCREW, Hex Head, 1/2-13 x 1-3/4, Black
19	2105386	1	SPACER
20	1723129	1	SPACER
21	1960245	1	CAPSCREW, Hex Head, 1/2-13 x 3, Black
22	1611710	2	RING, Klip, External 3/4, Black
23	1724616	1	AXLE ASSEMBLY, w/Bushings & Lube Fitting
24	1960355	2	NUT, Hex Lock ESNA Heavy, 1/2-13, Black
25	1918431	2	WASHER, 1/2, Black
26	2821133	3	FITTING, Lube
27	1921210	2	CAPSCREW, Hex Head, 3/8-16 x 1, Black
28	1611705	2	SPACER, Powder Metal
29	1722387	1	ROD, Tie
30	1677131	1	SPINDLE & LEVER ASSEMBLY, RH (Lancer LH)
31	1921969	1	CAPSCREW, Hex Head, 3/8-16 1-1/2
32	1960339	2	NUT, Hex Flange Lock, 3/8-16, Black
33	1708236	1	SPACER
34	1677133	1	SPINDLE & LEVER ASSEMBLY, LH (Lancer RH)
35	1702779A	2	BALL JOINT
36	1930645	1	NUT, Hex Flange Lock, 3/8-16, Black
37	1919262	2	NUT, Hex Head, 1/2-20, Black
38	1722504	1	DRAG LINK
39	1930644	1	NUT, Hex Flange Two Way Lock, 1/2-13, Black
40	1724793A	1	SHAFT & GEAR ASSEMBLY
41	1920328	1	CAPSCREW, Hex Head, 1/2-13 x 1-1/2, Black
42	1930591	2	CAPSCREW, Hex Head, 5/16-18 x 3/4
43	1931350	4	CARRIAGE BOLT, 3/8-16 x 1, Black
44	1935255	6	NUT, Speed, 5/16-18

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

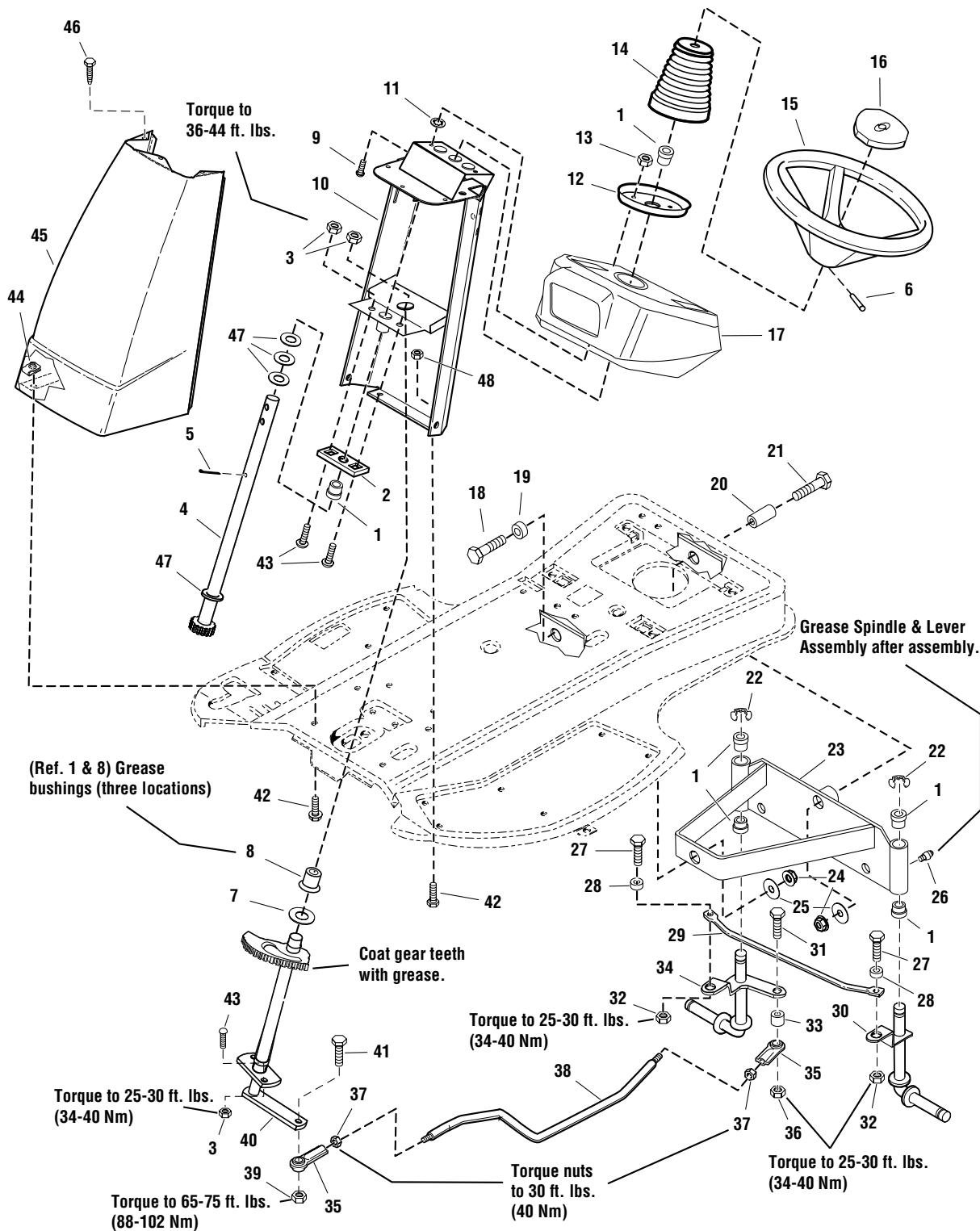
1694786 - Lancer

1694787 - 4416XL

## Steering Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985951



The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## **Steering Group**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
45	1715998C	1	SHROUD, Steering
46	1927429	3	CAPSCREW, Hex Head, 1/4-20 x 5/8, Black
47	1960114	4	WASHER, 3/4, Black
48	1927557	2	NUT, Hex Flange Lock, 5/16-18, Black

### **Footnotes**

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#### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

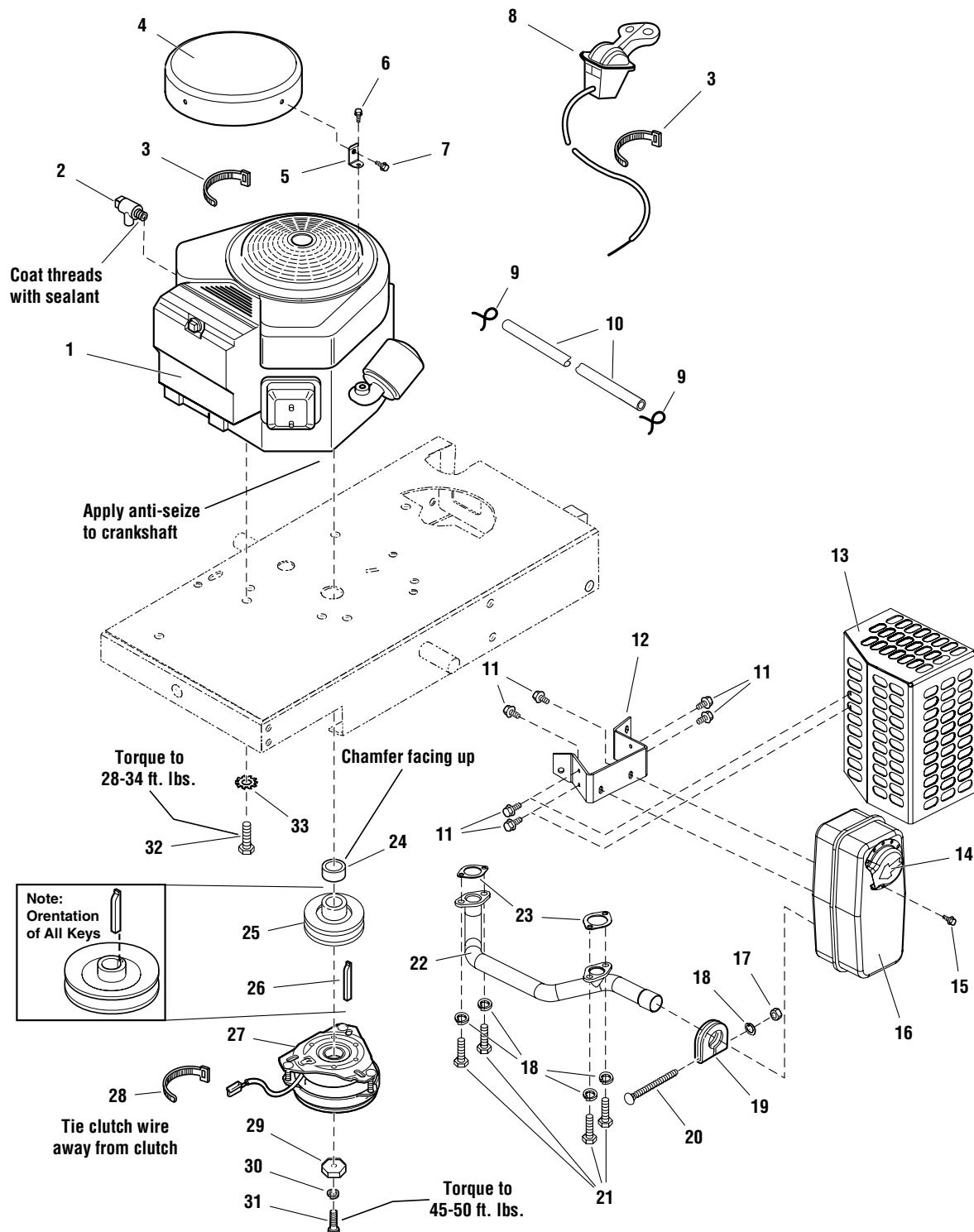
1694786 - Lancer

1694787 - 4416XL

## Engine & Electric Clutch - 16HP Briggs & Stratton

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986795



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## Engine & Electric Clutch - 16HP Briggs & Stratton

REF NO	PART NO.	QTY.	DESCRIPTION
1	*	1	ENGINE, 16HP Briggs & Stratton Vanguard, Model 303777, Type 1114-E1
2	1708405	1	VALVE, Shut Off
3	2825094	1	TIE, Self Locking, 7-5/16" Long
4	1727907	1	GUARD, Debris
5	1727452	4	BRACKET, L
6	960732	4	SCREW, Hex Head w/SEMS Washer
7	1727474	4	SCREW, Hex Head Flange
8	1727375	1	CONTROL ASSEMBLY, Throttle (Dual)
9	2860112	2	CLAMP, Hose
10	1727438	1	HOSE, Fuel
11	1927429	1	CAPSCREW, Washer Head Taptite, 1/4*20 x 5/8
12	1727455A	1	MUFFLER, Bracket
13	1727447A	1	HEALT SHIELD, Muffler
14	1727465	1	DEFLECTOR, Muffler
15	960731	3	SCREW, #8-18 x 3/8, Hex Head
16	1727453	1	MUFFLER, Briggs & Stratton
17	1917372	1	NUT, Hex 5/16-18
18	1917356	5	LOCKWASHER, Spring 5/16
19	1676183A	1	CLAMP, Muffler
20	1960483	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
21	1960407	4	CAPSCREW, Metric (for Manifold)
22	1727454	1	MANIFOLD
23	1650670	2	GASKET, Exhaust
24	1723390	1	SPACER
25	1713187	1	PULLEY & HUB ASSEMBLY
26	2105337	1	KEY, Hi Pro, 1/4 x 2
27	1686883	1	CLUTCH, Electric
29	1708264	1	WASHER, Hex
28	2832747	1	TIE, Self Locking, 3-5/8" Long
30	1918199	1	LOCKWASHER, 7/16
31	1960649	1	CAPSCREW, Hex Head, 7/16-20 x 3-1/2
32	2830598	4	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1-1/2
33	2820427	1	LOCKWASHER, External Tooth, 3/8

### Footnotes

\* See your local Briggs & Stratton distributor for parts and service.

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### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

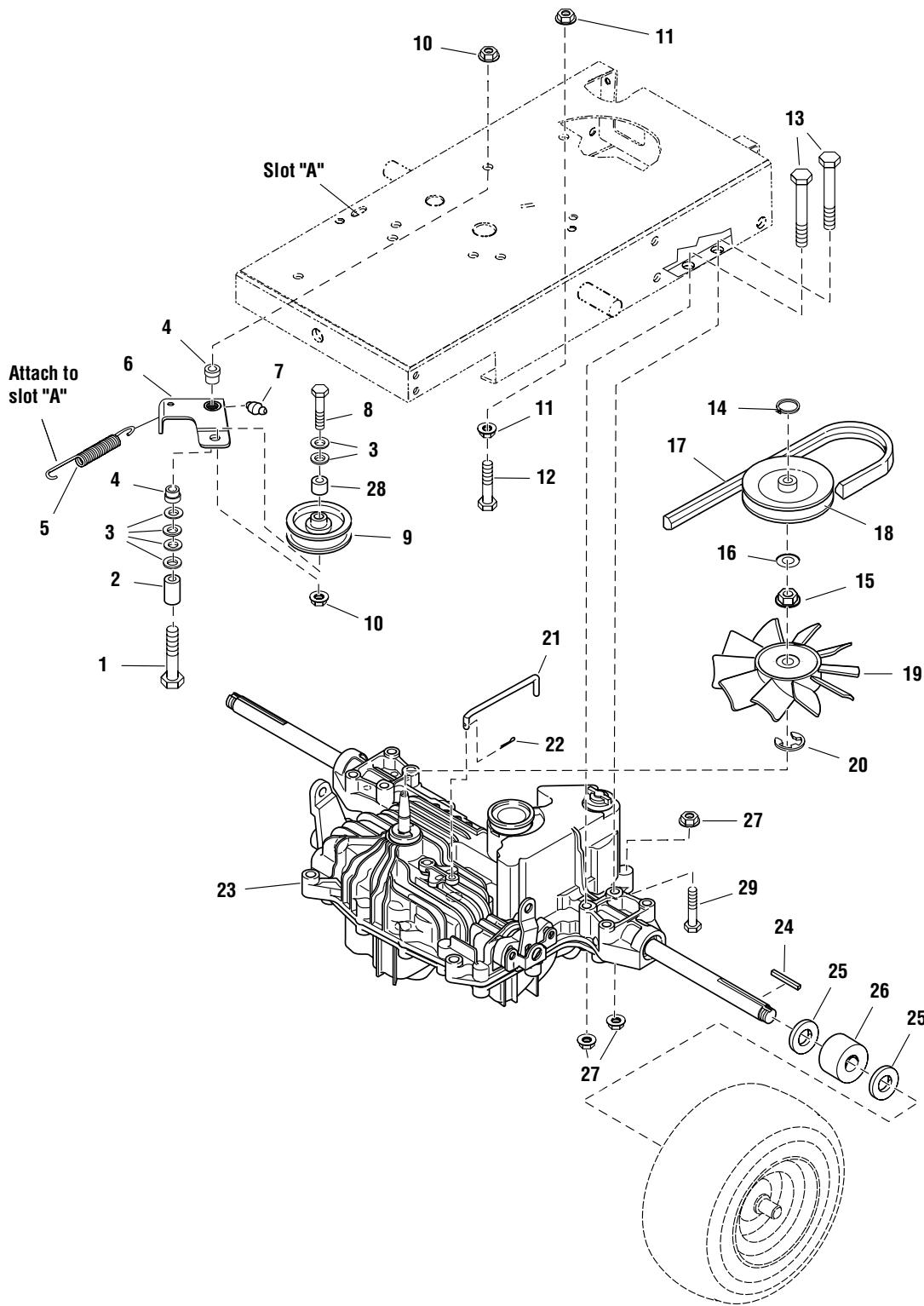
1694786 - Lancer

1694787 - 4416XL

## ***Transmission Group***

**NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.**

985949



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## Transmission Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1923701	1	CAPSCREW, Hex Head, 3/8-16 x 2, Black
2	1674669A	1	SPACER
3	1924940	7	WASHER, 3/8, Black
4	1676148	2	BUSHING
5	1723278	1	SPRING, Extension, 7-3/4" Long
6	1722969A	1	ARM ASSEMBLY
7	2812808	1	FITTING, Lube
8	1921969	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
9	1724387	1	PULLEY, Idler, 3-1/4
10	1960339	2	NUT, Hex Flange Lock, 3/8-16, Black
11	1927557	2	NUT, Hex Flange Lock, 5/16-18, Black
12	1921978	1	CAPSCREW, Hex Head, 5/16-18 x 2, Black
13	1921719	6	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
14	1724316	2	SNAP RING
15	1724312	2	SPLINE COLAR
16	1723415	1	LOCKWASHER
17	1715128	1	V-BELT
18	1724313	1	PULLEY
19	1724314	1	FAN
20	1718076	1	"E" RING
21	1723161	1	ROD, Hydro Bypass
22	1923360	1	PIN, Cotter
23	1721022	1	TRANSMISSION ASSEMBLY, Foot Control, K46Q
24	1717749	2	KEY, Parallel
25	2860202	4	WASHER, 3/4
26	1723820	2	SPACER
27	1935048	7	NUT, Hex Flange Lock, 5/16-18
28	1666294	1	SPACER
29	1960585	1	CAPSCREW, Hex Head, 5/16-18 x 1-3/4

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

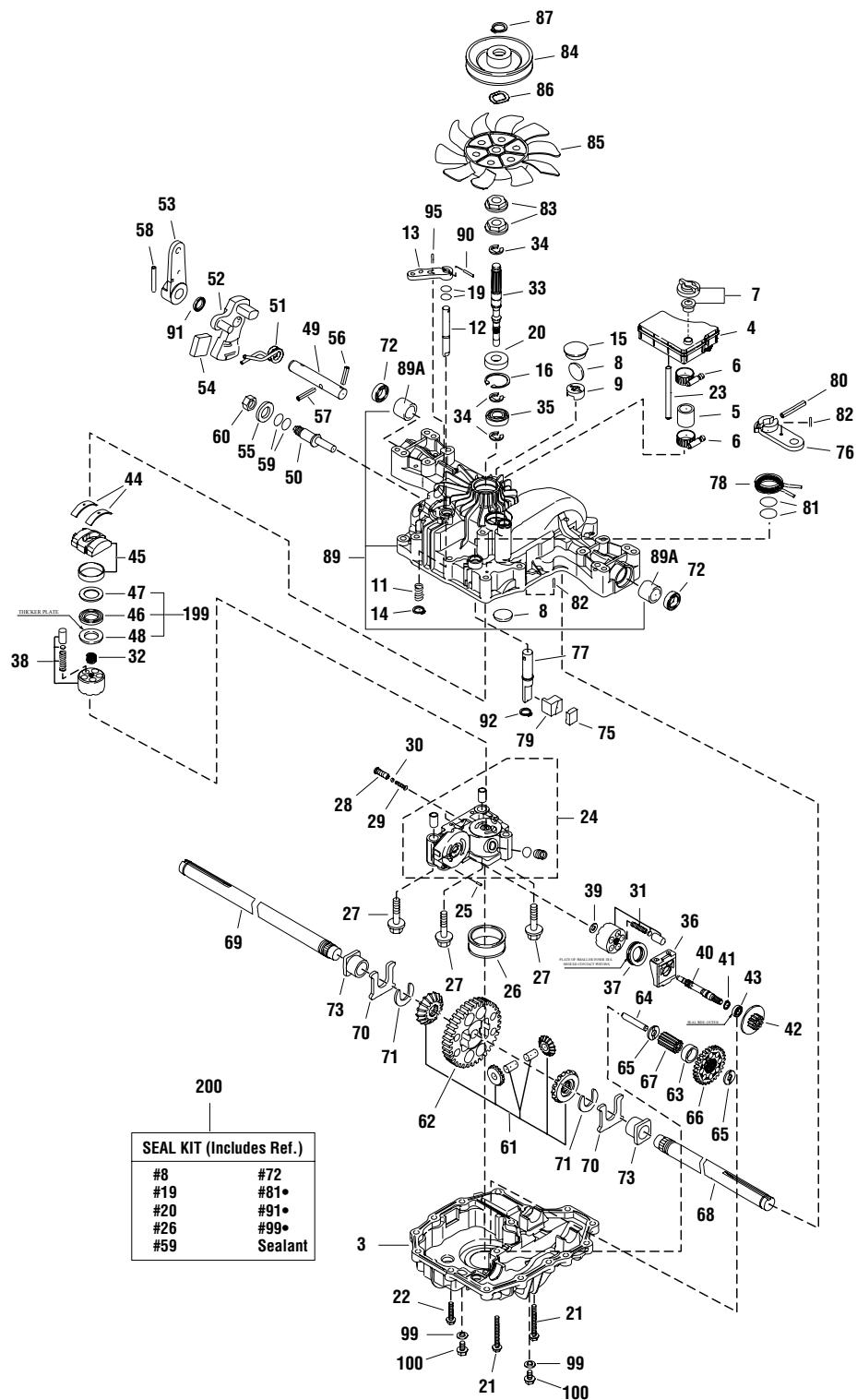
1694786 - Lancer

1694787 - 4416XL

## Transmission SERVICE PARTS - Tuff Torq K-46Q

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

1721022



The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## Transmission SERVICE PARTS - Tuff Torq K-46Q

REF NO	PART NO.	QTY.	DESCRIPTION
3	1724278	1	LOWER HOUSING
4	1724334	1	RESERVOIR TANK
5	1724335	1	TUBE
6	1724336	2	MINIATURE CLAMP
7	1718052	1	VENT VALVE
8	1724279	2	MAGNET
9	1724337	1	HOLDER, MAGNET
11	1708684	1	SPRING
12	1724338	1	SHAFT, Bypass
13	1720418	1	LEVER, Bypass
14	1718061	1	RING
15	1724282	1	SEALING CAP
16	1708650	1	RING, Snap
19	1708691	2	"O" RING
20	1724283	1	SEAL
21	1707789	14	SCREW, Tapping
22	1724284	2	TAPPING SCREW
23	1724339	1	SUPPORT
24	1724340	1	CENTER CASE, Complete
25	1718070	1	PIN
26	1724341	1	FILTER K55
27	1720805	3	BOLT
28	1724286	2	IDS VALVE
29	1724287	2	IDS SPRING
30	1724288	2	BALL, 3/16
31	1718079	1	CYLINDER BLOCK
32	1724290	1	SPRING, Pump
33	1724291	1	PUMP SHAFT
34	1718076	3	RING, "E"
35	1718083	1	BEARING
36	1718077	1	HOUSING
37	1718078	1	BEARING
38	1725831	1	CYLINDER BLOCK
39	1718084	1	WASHER
40	1724293	1	SHAFT MOTOR
41	1708672	1	RING, Snap
42	1724294	1	MOTOR GEAR
43	1718083	1	BEARING
44	1724342	2	THRUST METAL
45	1720426	1	SWASH PLATE COMPLETE
46	1718086	1	BEARING
47	1718087	1	THRUST PLATE
48	1718088	1	THRUST PLATE
49	1724343	1	CONTROL SHAFT

### Footnotes

#### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

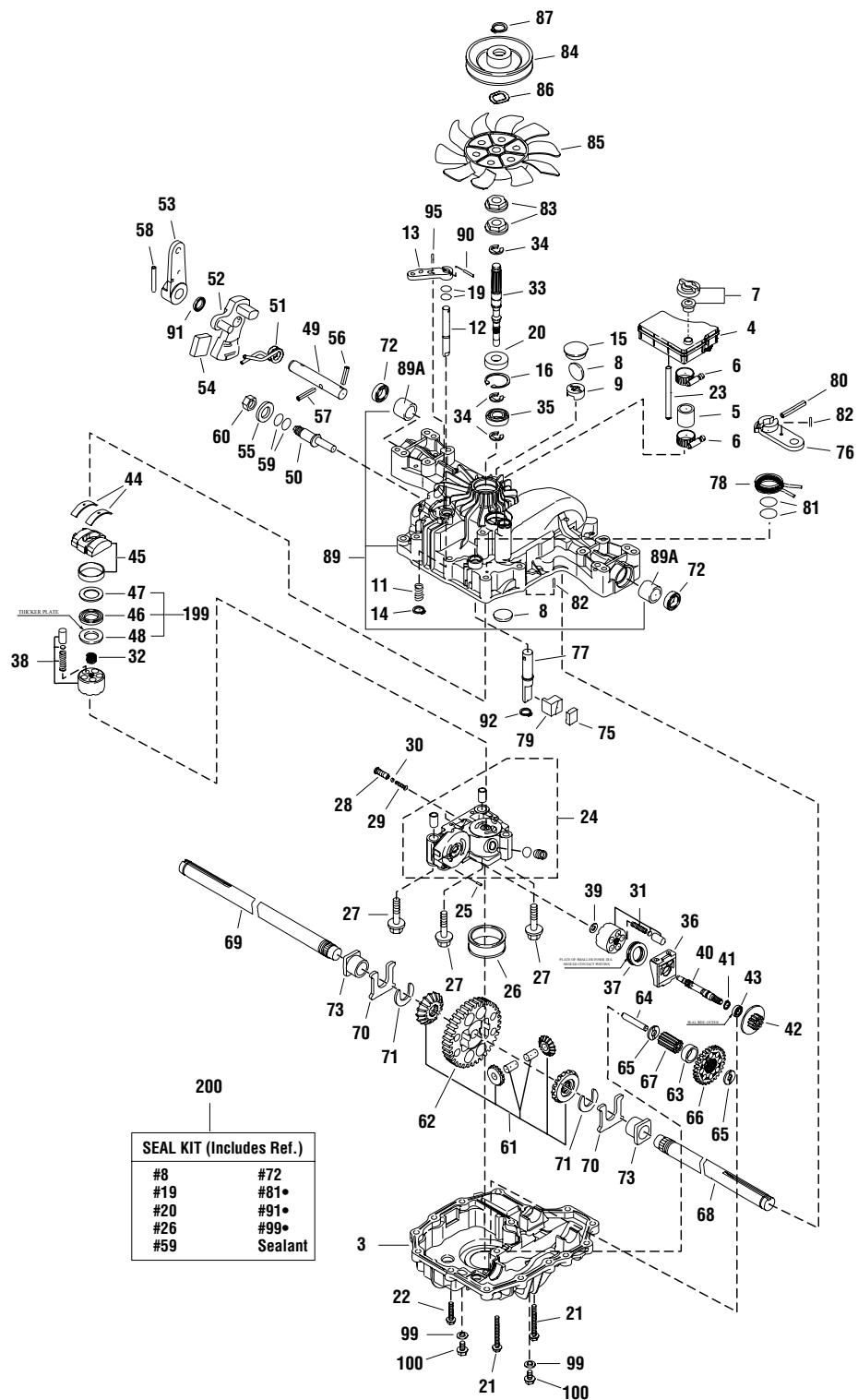
1694786 - Lancer

1694787 - 4416XL

## Transmission SERVICE PARTS - Tuff Torq K-46Q

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

1721022



The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## Transmission SERVICE PARTS - Tuff Torq K-46Q

REF NO	PART NO.	QTY.	DESCRIPTION
50	1724344	1	FULCRUM, Eccentric
51	1724345	1	SPRING, Torsion
52	1724346	1	CONTROL ARM
53	1724347	1	CONTROL LEVER
54	1724348	1	JERKY PLATE
55	1708689	1	WASHER
56	1724349	1	COTTER PIN
57	1724311	2	PIN, SPRING
58	1718100	1	PIN, Roll
59	1707879	2	"O" RING
60	1708692	1	NUT
61	1724297	2	DIFF PINION, Kit
62	1724298	1	FINAL GEAR
63	1724299	1	COLLAR, Final
64	1724300	1	REDUCTION SHAFT
65	1720439	2	WASHER
66	1724301	1	REDUCTION GEAR
67	1724302	1	FINAL PINION
68	1724303	1	AXLE SHAFT, LH
69	1724304	1	AXLE SHAFT, RH
70	1718112	2	THRUST WASHER
71	1718113	2	RING
72	1718111	2	SEAL
73	1718110	2	BUSHING
75	1724305	1	SHOE, BRAKE
76	1724306	1	ARM, Brake
77	1724307	1	SHAFT, BRAKE
78	1724308	1	RETURN SPRING
79	1724309	1	ACTUATOR, Brake
80	1724310	1	PIN
81	1708690	2	"O" RING
82	1720421	2	PIN
83	1724312	2	SPLINE COLLAR
84	1724313	1	PULLEY
85	1724314	1	FAN
86	1724315	1	LOCK WASHER
87	1724316	2	SNAP RING
89	1724350	1	UPPER HOUSING, (Includes Ref. No. 89A)
89A	1720814	2	BUSHING
90	1707839	1	ROLL PIN
91	1724318	1	OIL SEAL
99	1724323	2	WASHER, Seal
100	1724324	2	SCREW, Cap
199	1724942	1	BEARING, Thrust (Includes Ref. Nos. 46, 47 & 48)
200	1727541	1	SEAL KIT, K46 (Includes Ref. Nos. 8, 19, 20, 26, 59, 72, 81, 91, 99 & Sealant)

### Footnotes

#### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

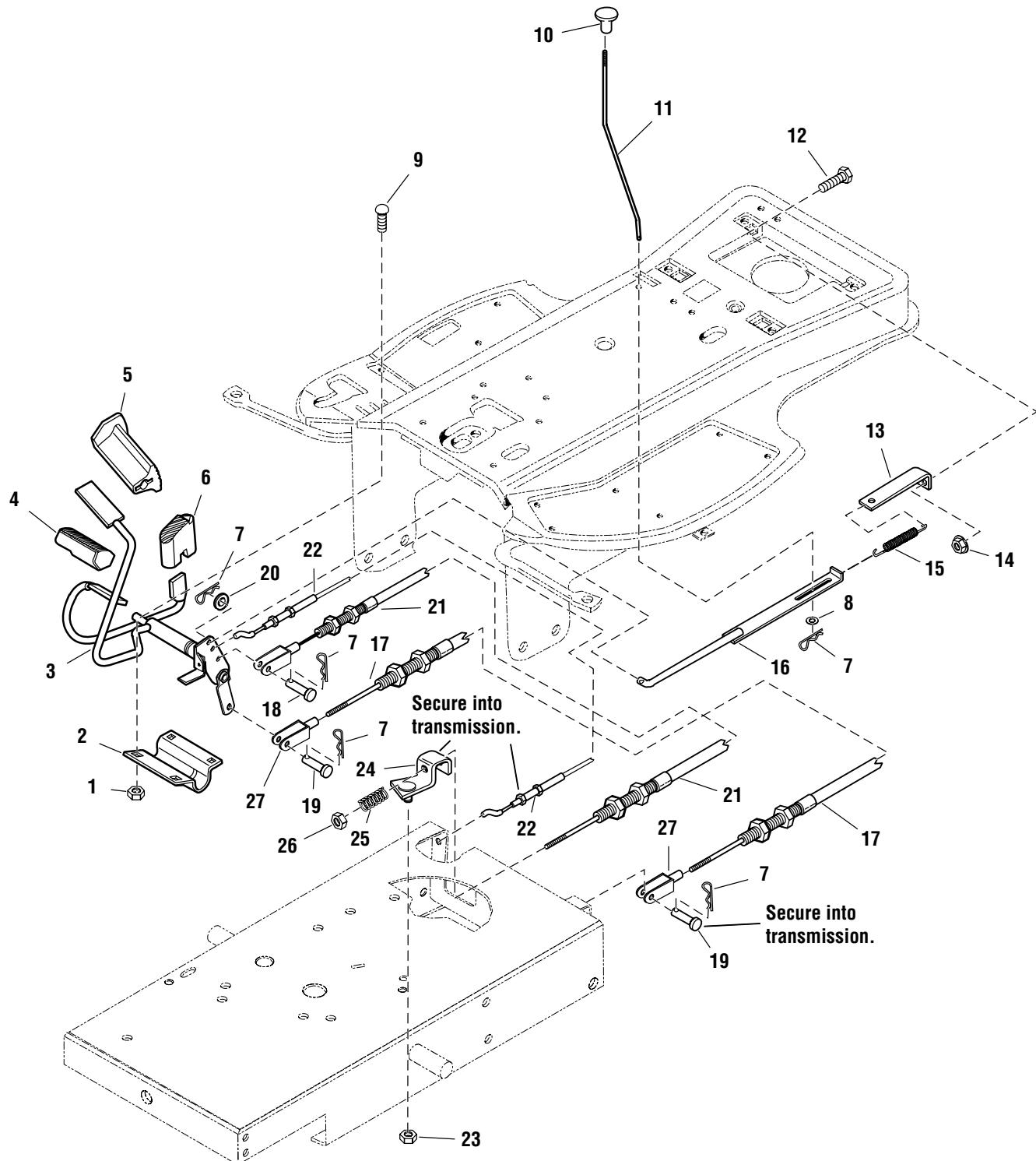
1694786 - Lancer

1694787 - 4416XL

## Controls Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985950



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## Controls Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1919438	4	NUT, Hex Lock ESNA, 5/16-18, Black
2	1713784	1	CLAMP
3	1722524A	1	FOOT PEDAL & BRAKE ARM ASSEMBLY
4	1715834	1	PEDAL, Foot, Forward
5	1721577	1	PAD, Brake Pedal
6	1715835	1	PEDAL, Foot, Reverse
7	1960221	5	CLIP, Hair Pin, Black
8	1921319	1	WASHER, 1/4, Black
9	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4, Black
10	1713855	1	KNOB, 1/4-20 Thread
11	1714385	1	ROD, Parking Brake, Yellow
12	1930591	1	CAPSCREW, Hex Head, Whiz Lock 5/16-18 x 3/4, Black
13	1723794A	1	BRACKET
14	1931277	1	NUT, Hex, 5/16, Black
15	2165068	1	SPRING, Extension, 6-1/2" Long
16	1722529	1	LEVER & ROD ASSEMBLY
17	1722974	1	CABLE, Forward/Reverse
18	1960261	1	PIN, Yoke, Drilled, 1/4 x 3/4, Black
19	1711115	2	PIN, Clevis, 11/32 x 1-1/4
20	1919326	1	WASHER, 5/16, Black
21	1722616	1	CABLE, Brake Control
22	1722617	1	CABLE, Clutch Control
23	1935048	1	NUT, Hex Flange Lock, 5/16-18, Black
24	1717728	1	GUIDE BELT & STUD ASSEMBLY
25	1708360	1	SPRING, Compression
26	1960608	1	NUT, Hex Center Lock, 1/4-20
27	1722975	2	CLEVIS

## Footnotes

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### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

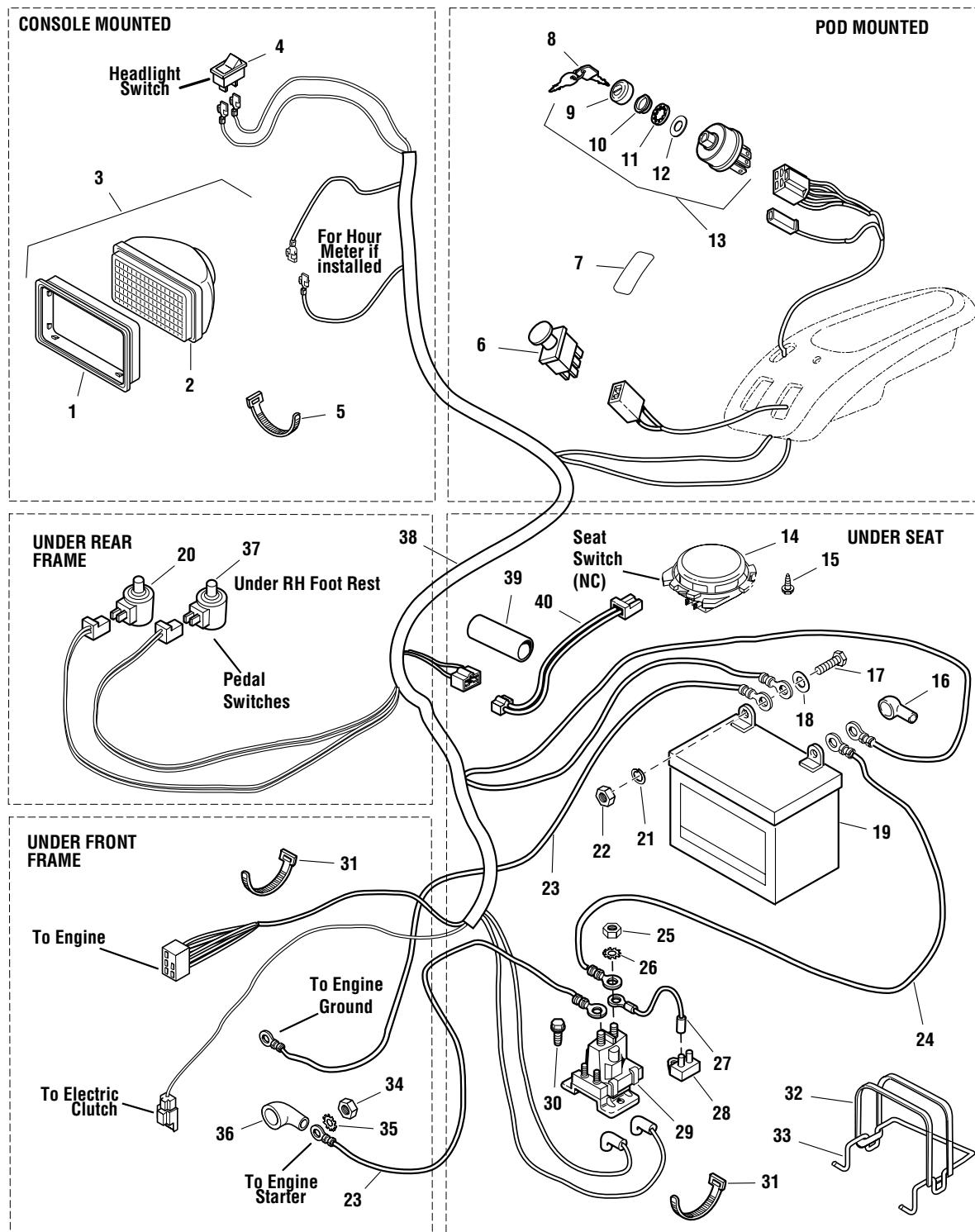
1694786 - Lancer

1694787 - 4416XL

## *Electrical Group*

**NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.**

985954



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## **Electrical Group**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	1719227	1	BEZEL, Headlight
2	1719226	1	HEADLIGHT HOUSING
3	1719230	1	HEADLIGHT ASSEMBLY (Includes Ref. Nos. 1 & 2)
4	1703799	1	SWITCH, Rocker, Headlight
5	2832747	1	TIE, Self Locking, 3-5/8, Black
6	1722887	1	SWITCH, PTO, Push/Pull, w/Symbols
7	1709188	1	PLUG
8	1717163	2	KEYS, Ignition
9	1717550	1	COVER, Ignition Switch
10	1717549	1	NUT, Hex, 5/8-32
11	1960547	1	LOCKWASHER, Intrnal Tooth, 5/8, Thin, Black
12	2101025	1	WASHER, 5/8, Thin, Black
13	1686734	1	SWITCH ASSEMBLY, Ignition (Includes Ref. Nos. 8, 9, 10, 11, & 13)
14	1718981	1	SWITCH, Seat, NC
15	1960536	2	CAPSCREW, Hex Head Plastite, 1/4-20 x 1/2
16	1677296	1	BOOT, Insulator
17	2823341	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
18	2821319	2	WASHER, 1/4
19	1685215	1	BATTERY, 12 Volt
20	1720401	1	SWITCH, Push, Grey, Pedal Switch, (Domestic Only)
21	2816964	2	LOCKWASHER, 1/4
22	2816622	3	NUT, Hex, 1/4-20
23	1703484	2	CABLE, # 6 x 42-1/2" Long, 2 Ring Terminals
24	1716549	1	CABLE, # 6 x 10" Long, 2 Ring Terminals
25	2820263	2	NUT, Hex, 5/16-24
26	2820426	2	LOCKWASHER, External Tooth, 5/16
27	1665237	1	WIRE, 12GA, 6" Long Red
28	1665238	1	BREAKER, Circuit, 12Volt, 20Amps
29	1686981	1	SOLENOID, 4 Pole 12Volt
30	1927429	2	CAPSCREW, Hex Head Taptite, 14-20 x 5/8
31	1701011	2	TIE, Self Locking, 7-5/16 Long, Black
32	1665872	1	STRAP, Black Rubber
33	1667805	1	BRACE, Battery
34	2816950	1	NUT, Hex, 3/8-16
35	2820427	1	LOCKWASHER, External Tooth, 3/8
36	2122023	1	COVER, Terminal, Red
37	1720411	1	SWITCH, Push, Black, Pedal Switch
38	1724903	1	HARNESS, Wiring
39	1715014	1	SHRINK TUBE
40	1715010	1	WIRE ASSEMBLY, 16GA, 16" Long, Black/Tan

## **Footnotes**

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### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

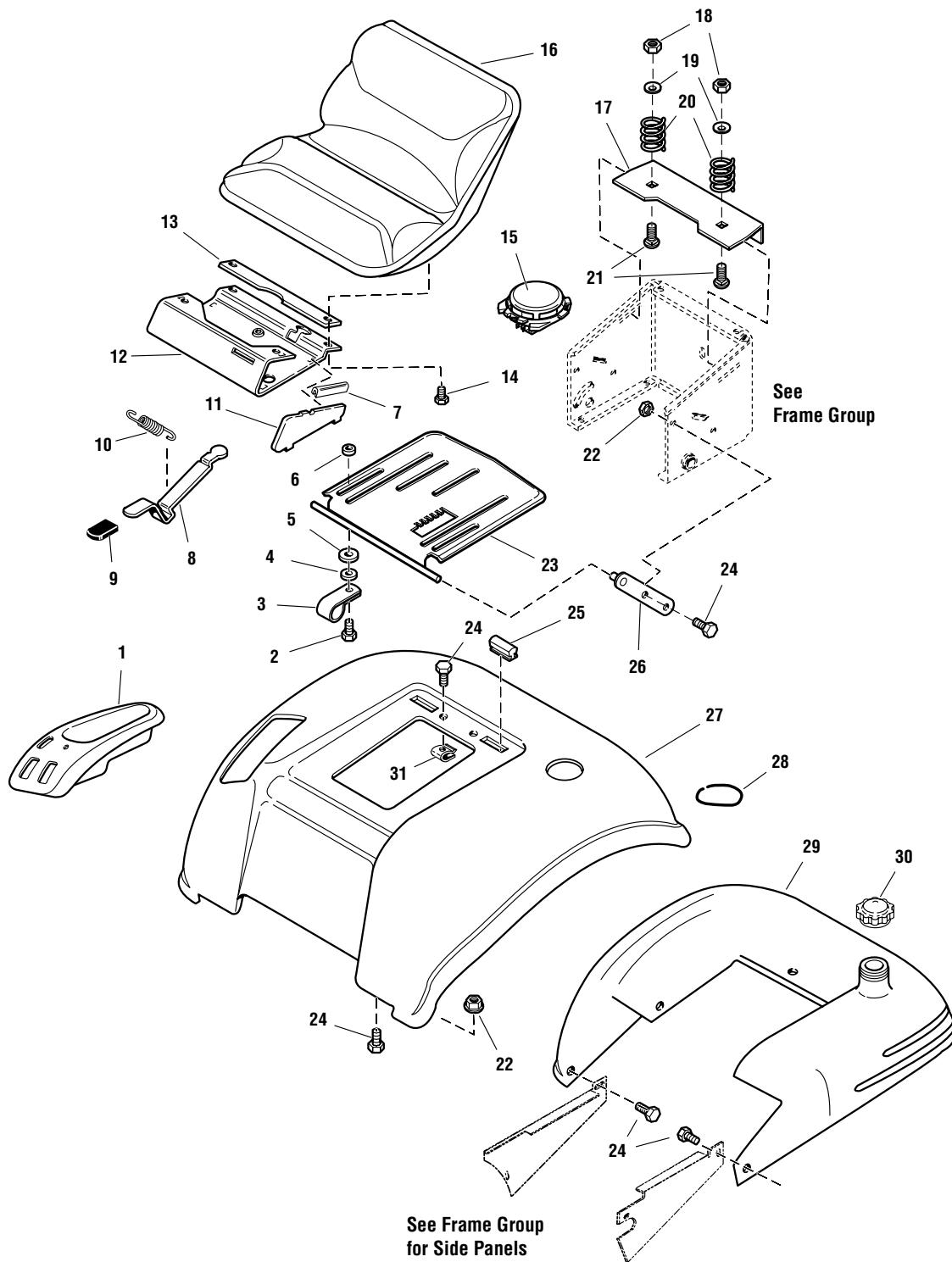
1694786 - Lancer

1694787 - 4416XL

## Seat Deck & Fuel Tank Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986392



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## **Seat Deck & Fuel Tank Group**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	1714542	1	POD, Control
2	1960086	3	SCREW, Torx Truss Head, 5/16-18 x 7/8, Black
3	1708008	1	CLAMP, Wire
4	1919326	3	WASHER, 5/16
5	1668681	3	WASHER, Curved, Special
6	1960027	3	WASHER, Plain
7	1661348	2	EDGING, 3"
8	1713597	1	LEVER, Seat Latch, Black
9	1715047	1	CAP, Black
10	2159106	1	SPRING, Extension, 4-1/4 Long
11	1714318	2	PANEL, Side
12	1725527A	1	SLIDE, Seat
13	1725526A	1	PLATE, Rear Seat
14	1960667	4	CAPSCREW, Whiz Lock, Flange Lock
15	1718981	1	SEAT SWITCH, NC
16	1725486	1	SEAT, w/Cushion
17	1715768A	1	PLATE, Spring
18	1919438	2	NUT, Hex Lock ESNA, 5/16-18, Black
19	1709256A	2	WASHER, Spring
20	1717051	2	SPRING
21	1931335	2	CARRIAGE BOLT, 5/16-18 x 1, Black
22	1931277	6	NUT, Hex Whiz Lock, 5/16-18, Black
23	1718985	1	PAN & ROD ASEMBLY
24	1930591	12	CAPSCREW, Hex Head, Whiz Lock, 5/16-18 x 3/4, Black
25	1713794	2	STOP, Seat
26	1713758	2	BAR
27	1722918C	1	SEAT DECK
28	1719104	6	MOLDING, PCV, 12-3/8" Long
29	1722904	1	FUEL TANK
30	1722905	1	CAP, Fuel
31	1935255	6	NUT, Speed, 5/16-18

### **Footnotes**

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#### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

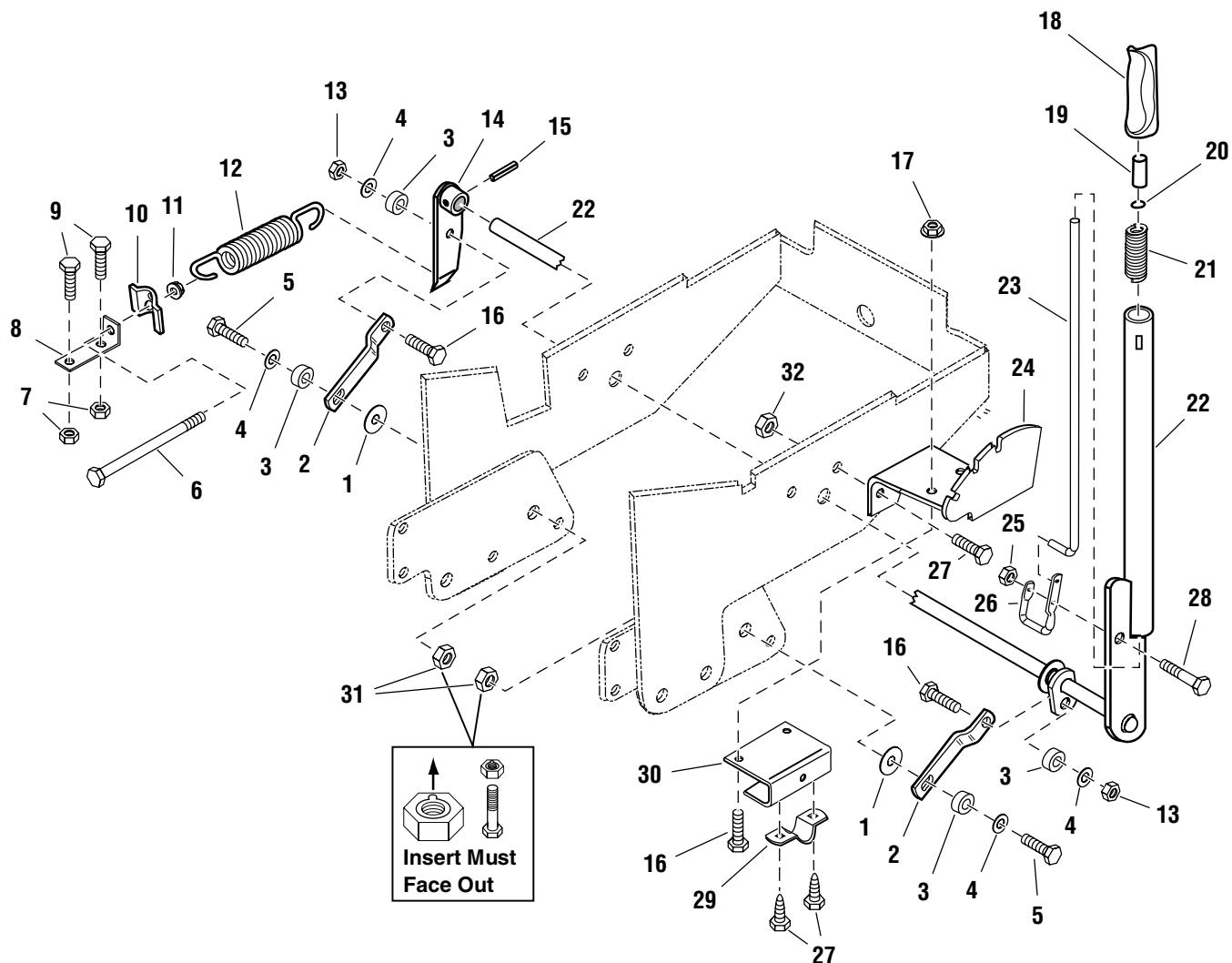
1694786 - Lancer

1694787 - 4416XL

## Lift Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986041



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## **Lift Group**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	1960071	2	WASHER, 3/8, Black
2	1723194A	2	LINK, Lift
3	2154177	4	SPACER
4	1922755	4	WASHER,3/8, Black
5	1921971	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, Black
6	1722357	1	CAPSCREW, Hex Washer Head, 5/16-18 x 4-1/2, Black
7	1917372	2	NUT, Hex, 5/16-18, Black
8	1723202A	1	ANCHOR, Spring
9	1921719	2	CAPSCREW, Hex Head, 5/16-18 x 2-1/2
10	1723499	1	RETAINER, Spring
11	1935255	1	NUT, Speed, 5/16-18
12	1675232	1	SPRING, Extension, 9" Long
13	1930645	4	NUT, Hex Flange Lock, 3/8-16, Black
14	1723203A	1	BAR & HUB ASSEMBLY
15	2815523	1	PIN, Spring, 5/16 x 1-1/2
16	1920415	4	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
17	1931277	2	NUT, Hex Flange Whiz Lock, 5/16-18, Black
18	1722291	1	GRIP, Lift Lever
19	1723124	1	BUTTON, Red
20	1960674	1	NUT, Push, 1/4, Black
21	1723321	1	SPRING, Compression, 3.85" Long
22	1723200A	1	HANDLE ASSEMBLY, Lift
23	1723224	1	ROD
24	1723285A	1	QUADRANT, Lift
25	1920397	1	NUT, Hex Lock ESNA, 1/4-20, Black
26	1720599	1	LATCH "U" Wire
27	1930591	4	CAPSCREW, Hex Head, Whiz Lock, 5/16-18 x 3/4, Black
28	1921159	1	CAPSCREW, Hex Head, 1/4-20 x 2-1/4, Black
29	1665374A	1	STRAP
30	1723529A	1	BRACE, Support
31	2860641	2	NUT, Hex Lock Aluminum Insert, 3/8-16
32	1928352	2	NUT, Hex Whiz Lock , 3/8-16

## **Footnotes**

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### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

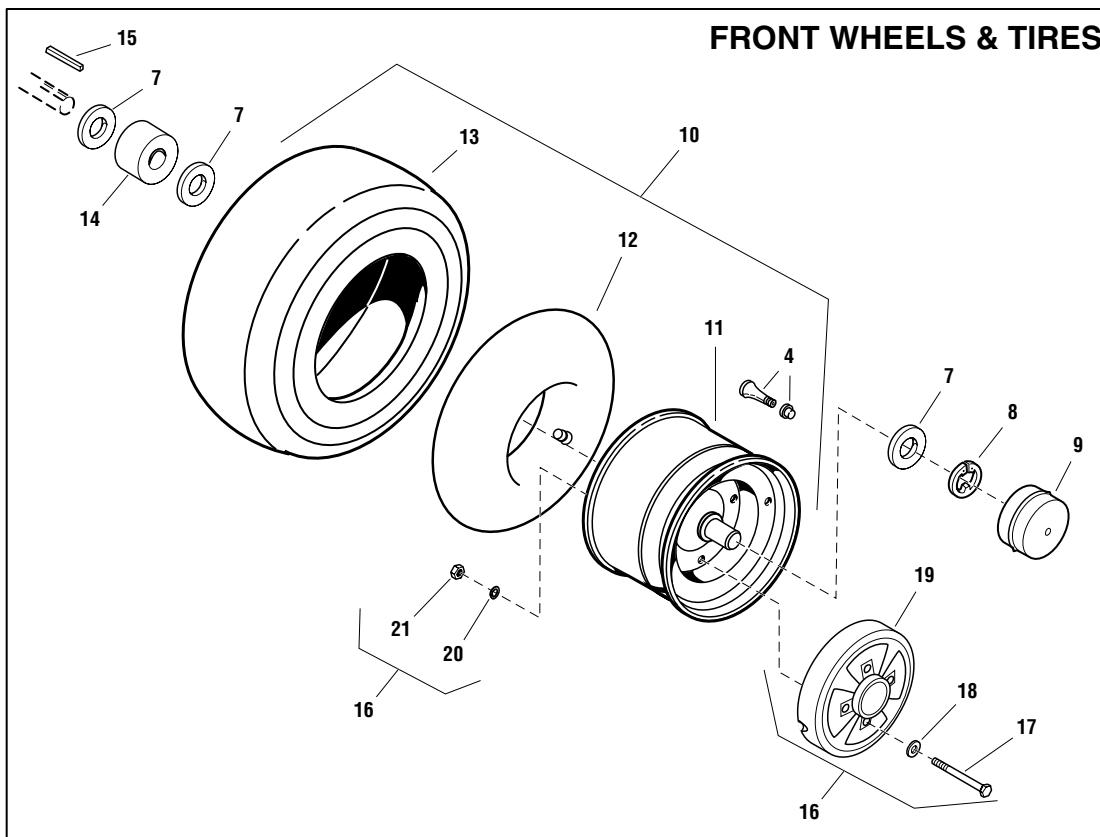
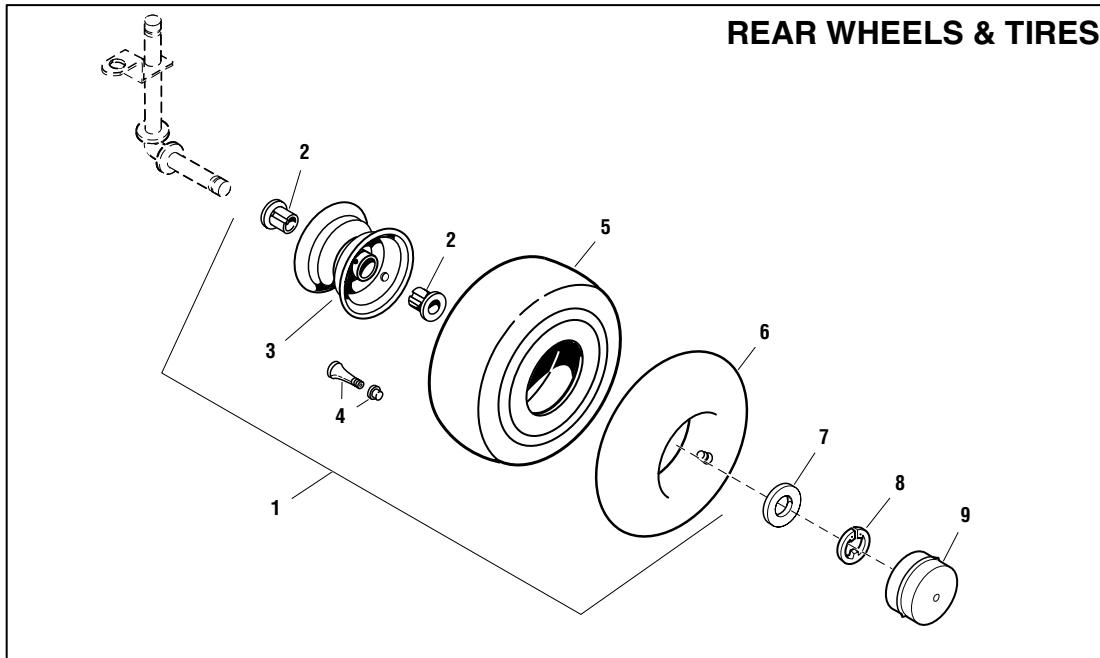
1694786 - Lancer

1694787 - 4416XL

## Wheels & Tires Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

W986796



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## Wheels & Tires Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1724460	2	WHEEL & TIRE ASEMBLY, Rear, (Includes Ref. Nos. 2, 3, 4, 5, & 6)
2	1720098	2	BEARING, Ball
3	1720097		WHEEL, 4.5 x 6
4	2172353	4	VALVE STEM & CAP ASSEMBLY
5	1713166	1	TIRE, 15 X 6.00, 6 SUPER TURF TL
6	1664090	1	TUBE, Tire, 4.10/3.50, Rear
7	2860202	8	WASHER
8	2827794	4	RING, "E", External
9	1722675	4	CAP, Hub
10	1724461	2	WHEEL & TIRE ASSEMBLY, Front, (Includes Ref. Nos. 4, 11, 12, & 13)
11	1716132	1	WHEEL, 7.00 x 8.00
12	2164247	1	TUBE, Tire, 18 x 8.50
13	1713170	1	TIRE, 18 x 8.50, 8 SUPER TURF TL
14	1723820	2	SPACER
15	1726886	2	KEY, Parellel
16	1724450	2	WHEEL WEIGHT ASSEMBLY, (Includes Ref Nos. 17 thru 21)
17	1960513	4	CAPSCREW, Hex Head, 3/8-16 x 8
18	1924940	4	WASHER, Plain 3/8
19	1724852	2	WHEEL WEIGHT, Unfilled
20	1916965	4	LOCKWASHER, 3/8 Spring
21	1916950	4	Nut, Hex Head, 3/8

### Footnotes

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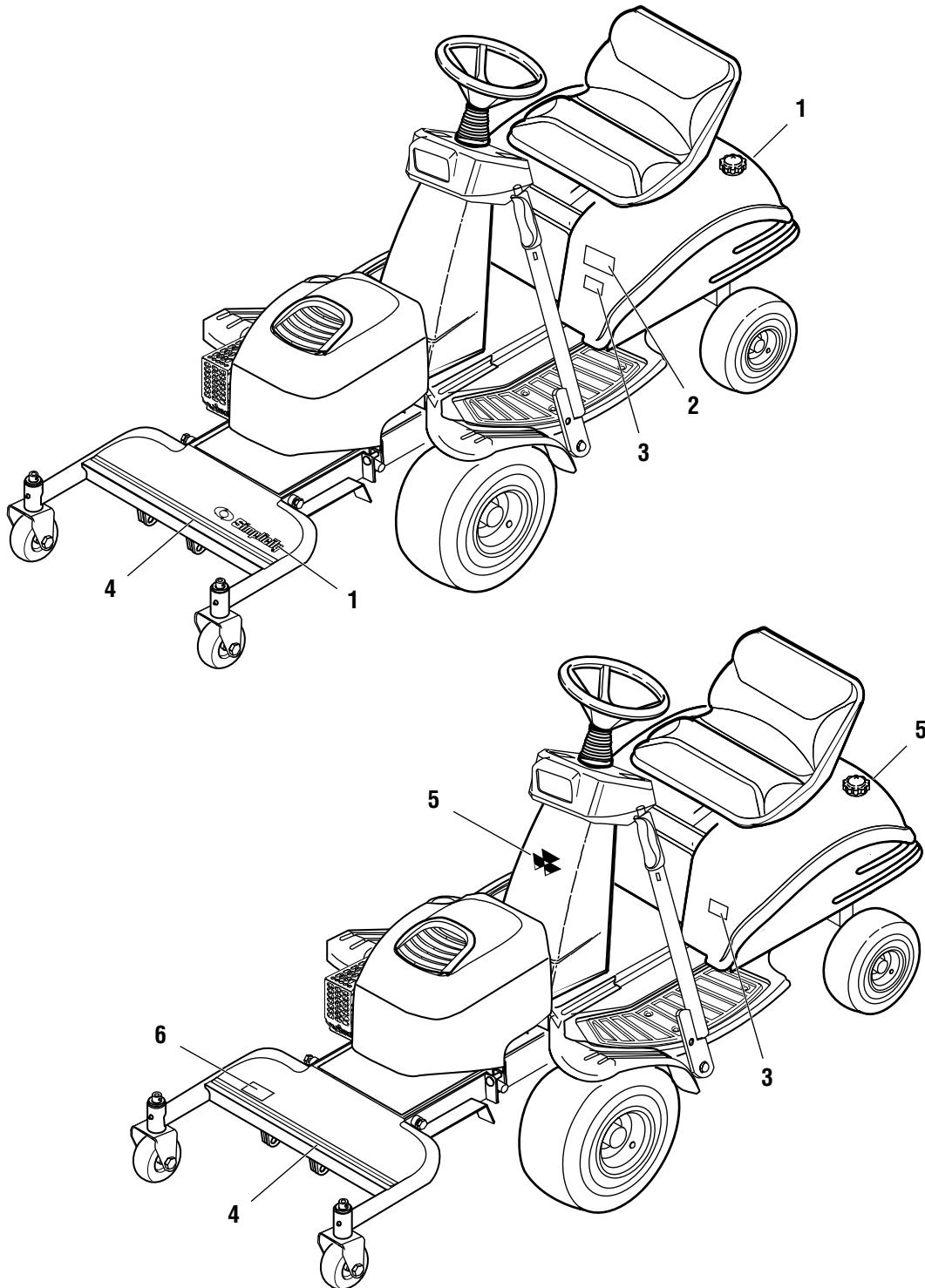
#### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer  
1694785 - 4416XL  
1694786 - Lancer  
1694787 - 4416XL

## Decals - Brand & Model

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

B986796



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**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## **Decals - Brand & Model**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	1722551	2	DECAL, Simplicity, Silver & Blue, w/icon
2	1722832	1	DECAL, Lancer, Silver & Blue
3	1722549	1	DECAL, 16HP
4	1723785	1	DECAL, Stripe, Blue & Silver
4	1723919	1	DECAL, Stripe, Massey Ferguson
5	1714363	2	DECAL, Massey Ferguson, 3 Triangle Logo
6	1727442	1	DECAL, Model 4416XL

## **Footnotes**

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### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

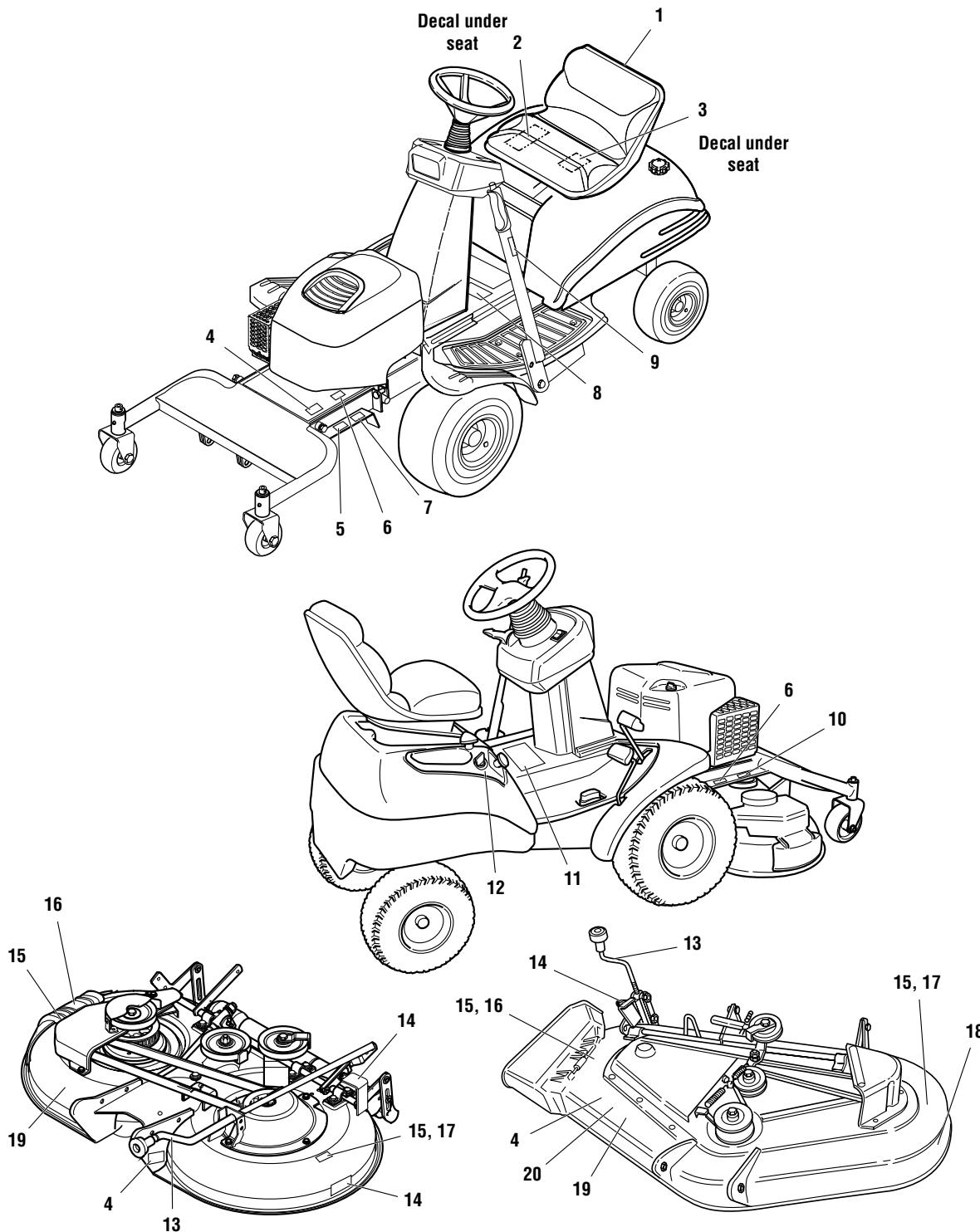
1694786 - Lancer

1694787 - 4416XL

## Decals - Safety & Common

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

C986796



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## Decals - Safety & Common

REF NO	PART NO.	QTY.	DESCRIPTION
1	1708927	1	DECAL, USA Logo
2	1725156	1	DECAL, Belt & Blade 40"
2	1727574	1	DECAL, Belt & Blade 44"
3	1720454	1	DECAL, Touch Up Paint, (Orange)
3	1725072	1	DECAL, Touch Up Paint, (Red)
4	*	2	LABEL, CE & Serial Number, Export (Not Serviced)
4	*	1	DECAL, Serial Number (Not Serviced)
5	1723786	1	DECAL, Belt Removal
6	*	1	DECAL, Patent (Not Serviced)
7	1723823	2	DECAL, Warning Shear Point (Export Only)
8	1723160	1	DECAL, Transmission Release Valve
9	1723143	1	DECAL, Lift Lever Symbols
10	1723824	1	DECAL, Caution, Read Manual
11	1722814	1	DECAL, Operating Instructions
11	1723175	1	DECAL, Operating Instructions, Icons (Export Only)
12	1723826	1	DECAL, Ignition Switch
13	1723825	1	DECAL, Cutting Height Icons
14	1723470	1	DECAL, Height of Cut
14	1720919	1	DECAL, Height of Cut, 40" (Export)
15	1720389	2	DECAL, Danger Rotating Blades
16	1704277	1	DECAL, Danger, Do Not Operate W/O Deflector
17	1704276	1	DECAL, Danger Rotating Blades
18	1722771	1	DECAL, Free Floating
19	*	1	DECAL, OPEI, (Not Serviced)
20	1722789	1	DECAL, 44"

### Footnotes

\* Not a service Part.

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### The above parts group applies to the following Mfg. Nos.:

1694772 - Lancer

1694785 - 4416XL

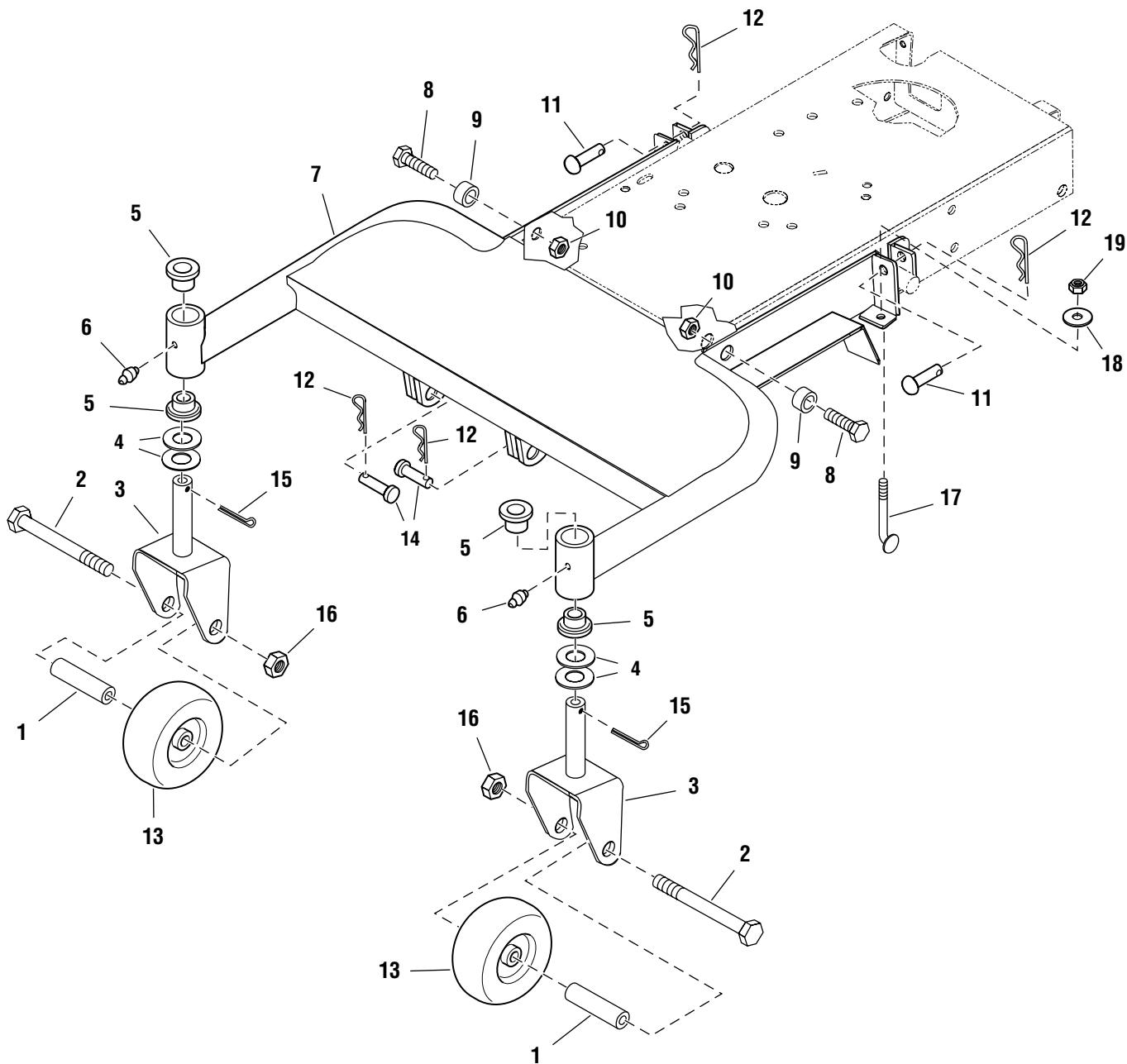
1694786 - Lancer

1694787 - 4416XL

## Mower Frame Group - with Height Adjustment

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

SL985961



**The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

1694786 - Lancer

1694787 - 4416XL

## **Mower Frame Group - with Height Adjustment**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	1722952	2	SPACER
2	1923161	2	CAPSCREW, Hex Head, 1/2-13 x 4-1/2, Black
3	1721878	2	BRACKET & SHAFT ASSEMBLY
4	2860202	4	WASHER, 3/4, Black
5	1666001	4	BUSHING
6	1704314	2	FITTING, Lube
7	1724960	1	FRAME ASSEMBLY
8	1920415	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
9	2154177	2	SPACER
10	1928352	2	NUT, Hex Flange Lock, 3/8-16, Black
11	2118053	2	PIN, Round Head, Drilled, 3/8 x 2, Black
12	1960074	4	CLIP, Hair Pin, Black
13	1722951	2	WHEEL, Caster
14	1724107	2	PIN, Clevis, Black
15	1918452	2	PIN, Cotter, 1/4 x 2, Black
16	1960379	2	NUT, Hex Lock Light, 1/2-13, Black
17	1724959	2	ROD, Height Adjuster
18	1919326	2	WASHER
19	1919438	2	NUT, Hex Lock, 5/16-18

### **Footnotes**

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#### **The above parts group applies to the following Mfg. Nos.:**

1694772 - Lancer

1694785 - 4416XL

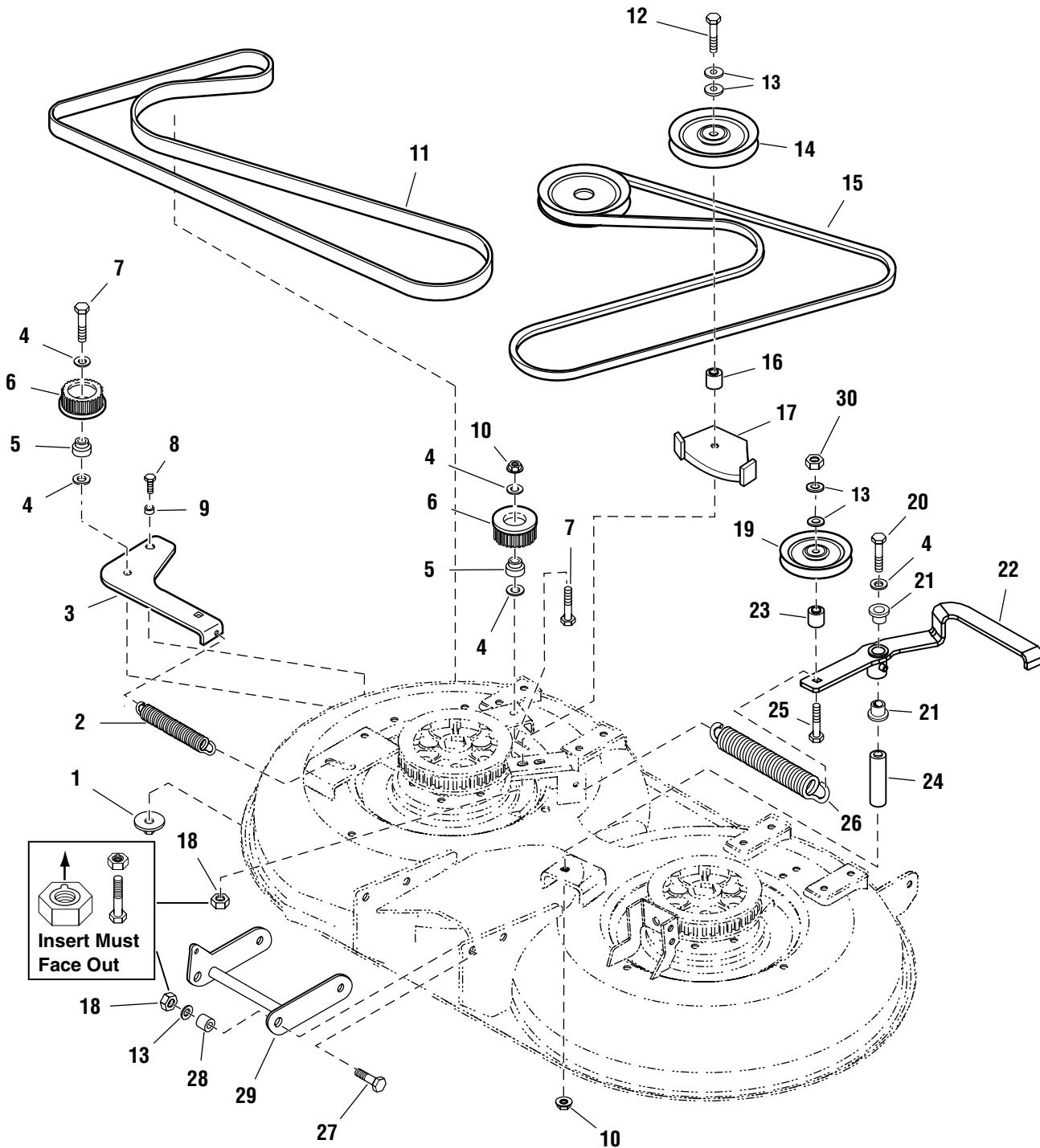
1694786 - Lancer

1694787 - 4416XL

## 40" Mower Deck - Belt, Idler Arm & Hitch

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986260



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Belt, Idler Arm & Hitch

REF NO	PART NO.	QTY.	DESCRIPTION
1	1721425	1	WASHER & LOCK NUT ASSEMBLY
2	1674671	1	SPRING, Extension, 3/4
3	1719923	1	ARM, Idler
4	1922755	7	WASHER, 3/8, Black
5	1719221	2	HUB
6	1724802	2	PULLEY, Idler, 38 Tooth
7	1923701	2	CAPSCREW, Hex Head, 3/8-16 x 2
8	1930601	1	CAPSCREW, Hex Head, 5/16-18 x 5/8, Black
9	1666697	1	SPACER
10	1928352	2	NUT, Hex Flange Whiz Lock, 3/8-16, Black
11	1724625	1	BELT, Timming, 38 Tooth
12	1960315	1	CARRIAGE BOLT, 3/8-16 x 2, Black
13	1924940	6	WASHER, 3/8, Black
14	1721710	1	PULLEY, Idler
15	1719746	1	BELT, Arbor Drive
16	1667812	1	SPACER
17	1724650A	1	PLATE & ROD ASSEMBLY
18	2860641	3	NUT, Hex Lock Aluminum Insert, 3/8-16
19	1723952	1	PULLEY, Idler
20	1928957	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4, Black
21	1663114	2	BUSHING
22	1724646	1	ARM ASSEMBLY, w/Bushings & Lube Fitting
23	1667811	1	SPACER
24	1657242	1	SPACER
25	1922606	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, GR 8, Black
26	1715435	1	SPRING, Extension, 6" Long, Black
27	1921969	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
28	2157081	2	SPACER
29	1722040A	1	HITCH ASSEMBLY, 40" Front Cut
30	1919439	1	NUT, Hex Flange Lock, 3/8-16, Black

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

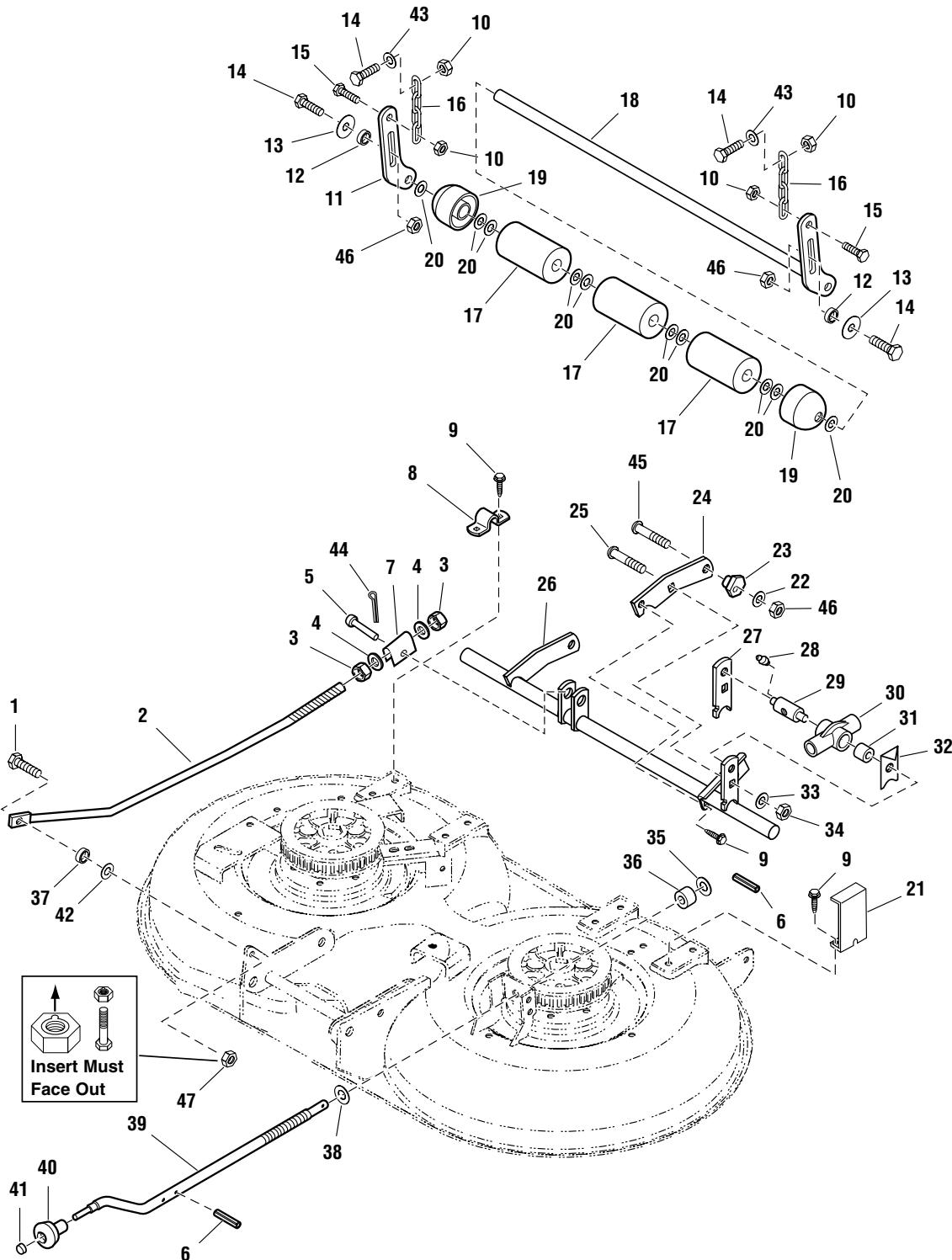
1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Height Adjustment & Roller Bar

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985960



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower  
1694345 - 40" Mower

## 40" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO.	QTY.	DESCRIPTION
1	1922606	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, GR 8, Black
2	1723900	1	ROD & STRAP ASSEMBLY
3	1915726	2	NUT, Hex, 5/8-11, Black
4	1924366	2	WASHER
5	2118053	1	PIN, Round Head, Drilled, 3/8 x 2, Black
6	2816001	3	PIN, Spring
7	1706645A	1	TRUNNION
8	1665374A	3	STRAP
9	1664847	9	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
10	1960339	5	NUT, Hex Flange Lock, 3/8-16, Black
11	1723150A	1	BAR, Roller
12	1960236	2	SPACER
13	1960044	2	WASHER, 5/16, Black
14	1921969	4	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
15	1921977	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
16	1669241	2	CHAIN, Link, 5-5/8 Long, 4 Links
17	1668513	3	ROLLER, 5/8 ID x 2-1/2 OD x 4 Long
18	1722078A	1	SHAFT & BAR ASSEMBLY
19	1717675	2	ROLLER, 5/8 ID x 2-1/2 OD x 2 Long
20	1924366	12	WASHER, 5/8, Black
21	1723148A	1	PLATE, Indicator
22	1924874	1	WASHER, 5/16, Black
23	1714879	1	CAM, Eccentric
24	1722056	1	ARM
25	1960489	1	CARRIAGE BOLT, 1/2-13 x 2-1/2, Black
26	1722077	1	SHAFT ASSEMBLY, Rocker
27	1722978A	1	ARM
28	1704314	1	FITTING, Lube
29	1715892A	1	TRUNNION
30	1716424	1	COVER, Rod
31	1679166	1	SPACER
32	1723147A	1	POINTER, Height of Cut
33	1916966	1	LOCKWASHER, 1/2, Black
34	1916951	1	NUT, Hex, 1/2-13, Black
35	2860171	1	WASHER, Special, Nylon
36	1715891	1	BEARING, Thrust
37	1706644	1	SPACER
38	1960035	1	WASHER, 5/8, Black
39	1723153	1	CRANK, Height of Cut
40	1714084	1	KNOB, Spinner
41	1960093	1	NUT, Push, 3/8
42	1924940	1	WASHER, 3/8, Black
43	1922755	2	WASHER, 3/8
44	1918452	1	PIN, Cotter

### Footnotes

The above parts group applies to the following Mfg. Nos.:

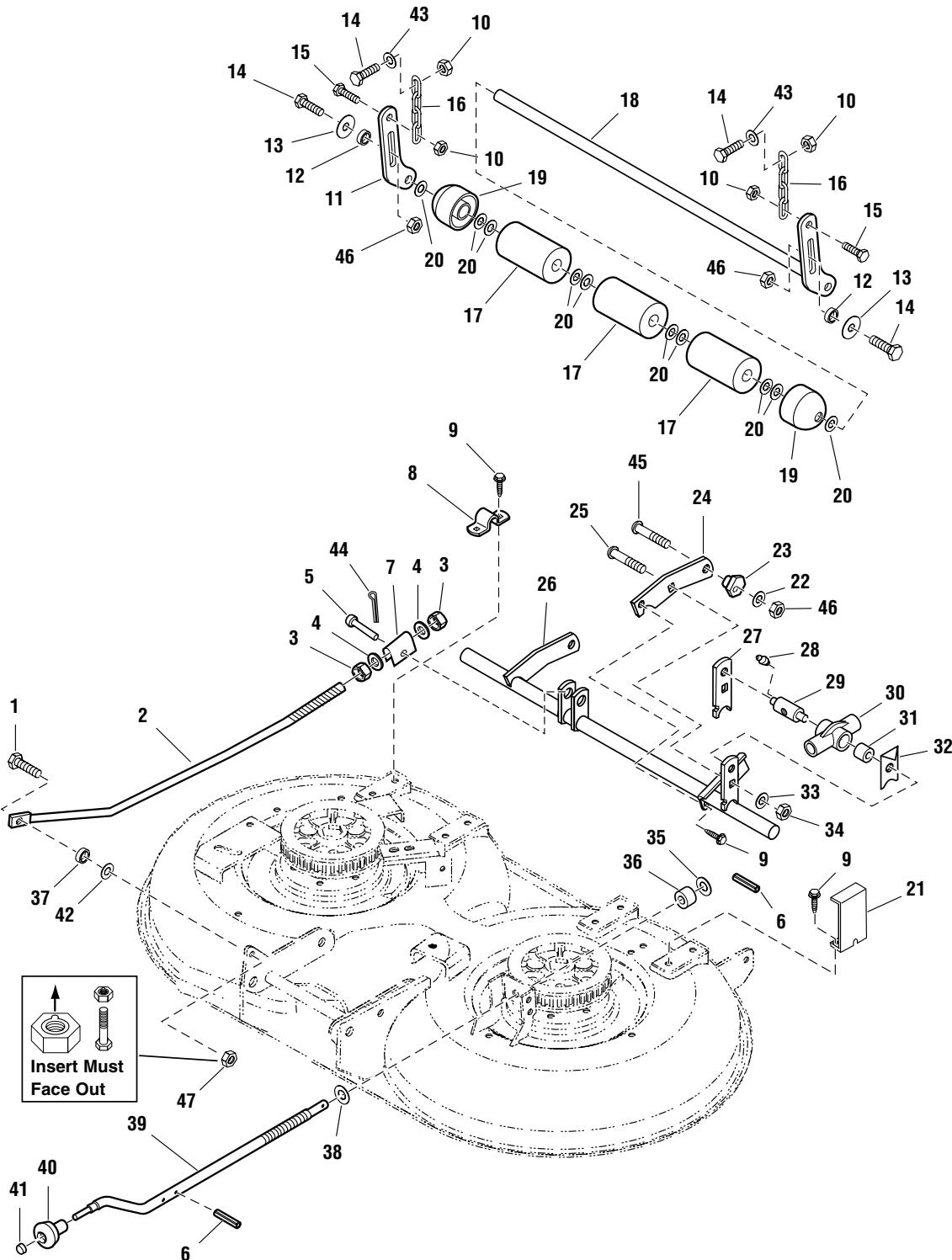
1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Height Adjustment & Roller Bar

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

985960



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower  
1694345 - 40" Mower

## **40" Mower Deck - Height Adjustment & Roller Bar**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
45	1960655	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
46	2860643	3	NUT, Hex Lock, 3/8-16
47	2860641	1	NUT, Hex Lock, Aluminum Insert, 3/8-16

### **Footnotes**

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**The above parts group applies to the following Mfg. Nos.:**

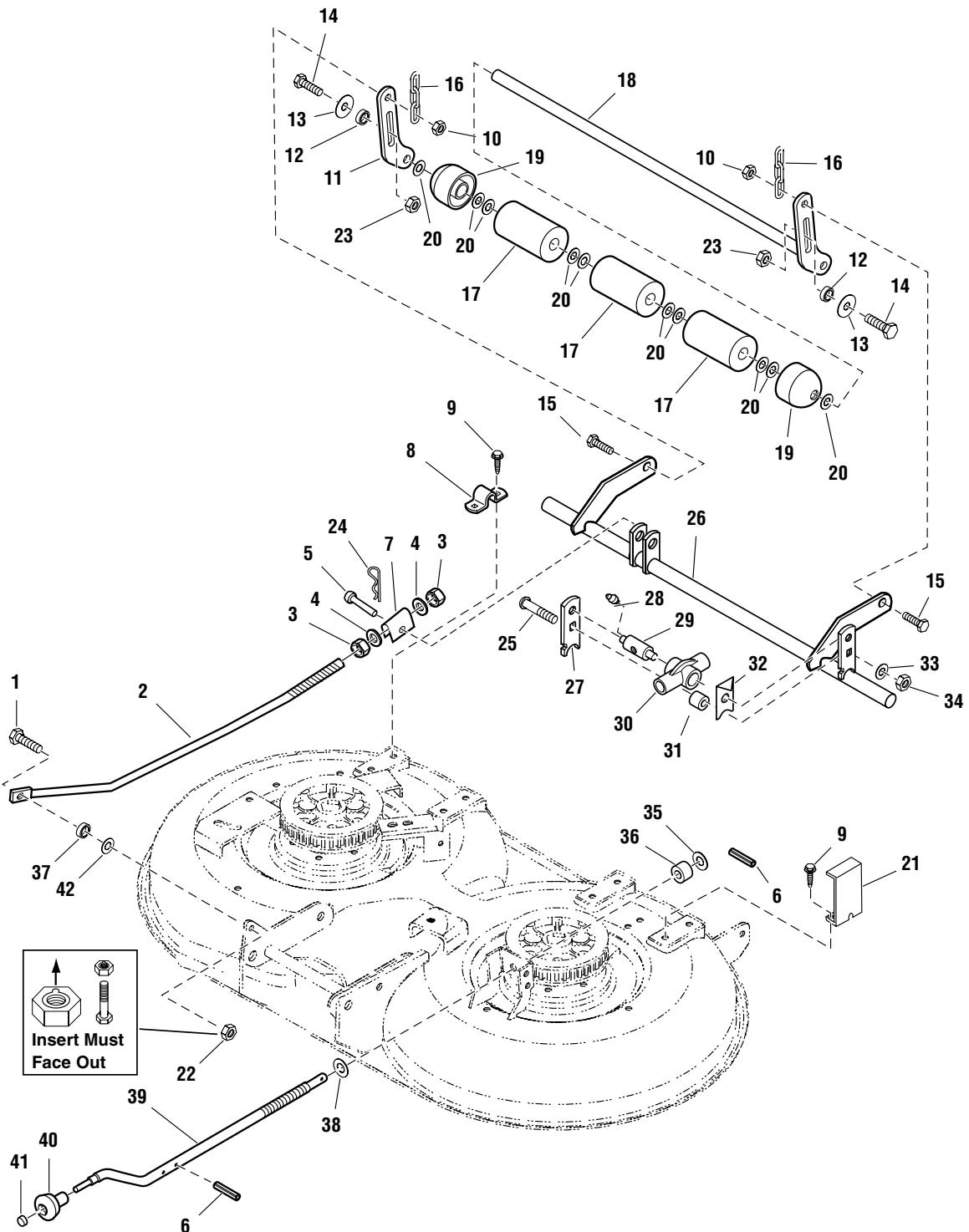
1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Height Adjustment & Roller Bar (Later)

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

SL985960



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Height Adjustment & Roller Bar (Later)

REF NO	PART NO.	QTY.	DESCRIPTION
1	1923701	1	CAPSCREW, Hex Head, 3/8-16 x 2, GR 8, Black
2	1723900	1	ROD & STRAP ASSEMBLY
3	1915726	2	NUT, Hex, 5/8-11, Black
4	1924366	2	WASHER
5	2118053	1	PIN, Round Head, Drilled, 3/8 x 2, Black
6	2816001	3	PIN, Spring
7	1706645A	1	TRUNNION
8	1665374A	3	STRAP
9	1664847	9	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
10	1960339	3	NUT, Hex Flange Lock, 3/8-16, Black
11	1723150A	1	BAR, Roller
12	1960236	2	SPACER
13	1960044	2	WASHER, 5/16, Black
14	1921969	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
15	1921977	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
16	1656835A	2	CHAIN, Link, 3 Links
17	1668513	3	ROLLER, 5/8 ID x 2-1/2 OD x 4 Long
18	1722078A	1	SHAFT & BAR ASSEMBLY
19	1717675	2	ROLLER, 5/8 ID x 2-1/2 OD x 2 Long
20	1924366	12	WASHER, 5/8, Black
21	1723148A	1	PLATE, Indicator
22	2860641	1	NUT, Hex Lock, Aluminum Insert, 3/8-16
23	2860643	3	NUT, Hex Lock, 3/8-16
24	1960074	1	PIN, Hair
25	1960489	1	CARRIAGE BOLT, 1/2-13 x 2-1/2, Black
26	1724970A	1	SHAFT ASSEMBLY, Rocker
27	1722978A	1	ARM
28	1704314	1	FITTING, Lube
29	1715892A	1	TRUNNION
30	1716424	1	COVER, Rod
31	1679166	1	SPACER
32	1723147A	1	POINTER, Height of Cut
33	1916966	1	LOCKWASHER, 1/2, Black
34	1916951	1	NUT, Hex, 1/2-13, Black
35	2860171	1	WASHER, Special, Nylon
36	1715891	1	BEARING, Thrust
37	1706644	1	SPACER
38	1960035	1	WASHER, 5/8, Black
39	1723153	1	CRANK, Height of Cut
40	1714084	1	KNOB, Spinner
41	1960093	1	NUT, Push, 3/8
42	1924940	1	WASHER, 3/8, Black

### Footnotes

The above parts group applies to the following Mfg. Nos.:

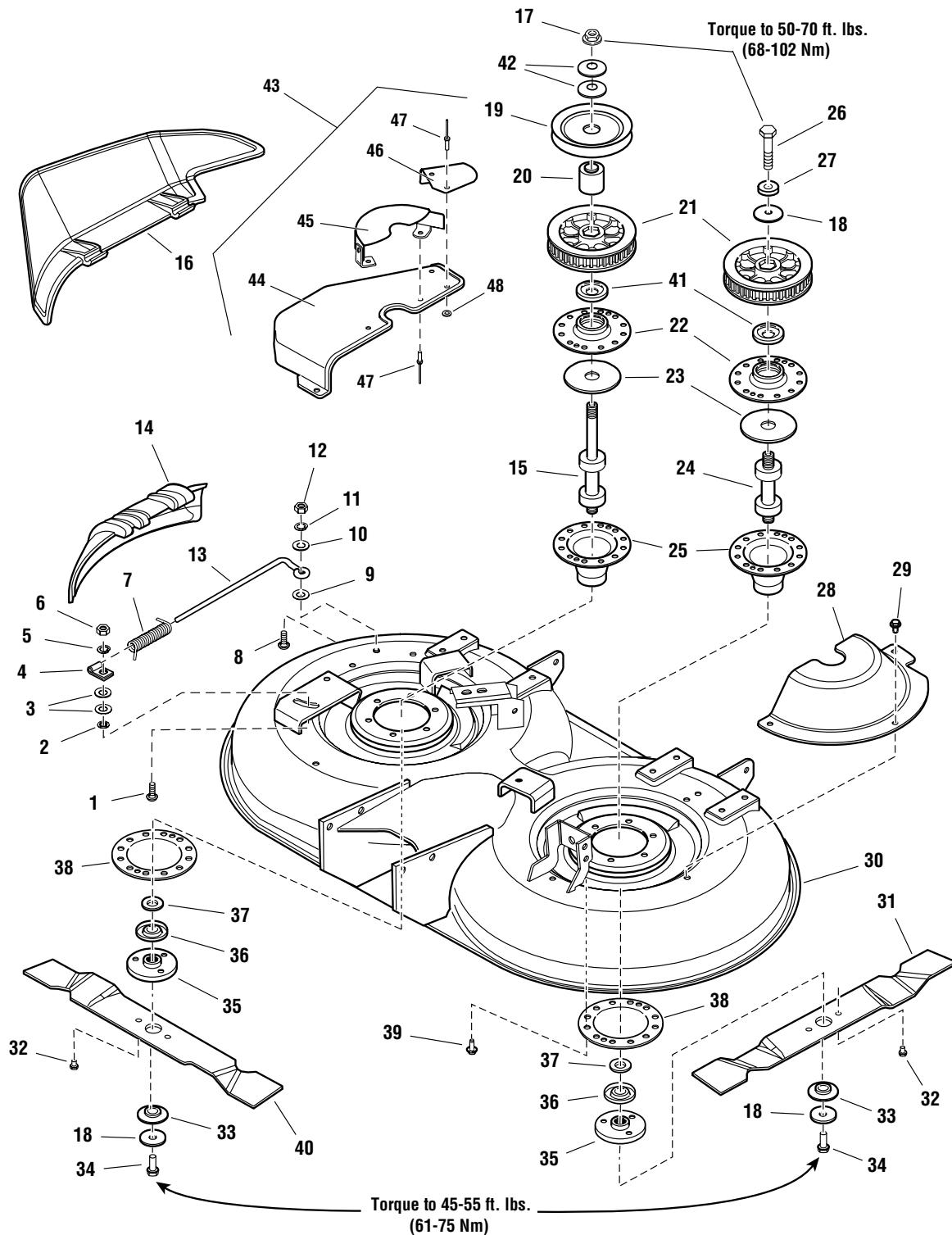
1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Housing, Arbors & Blades

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986259



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower  
1694345 - 40" Mower

## 40" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO.	QTY.	DESCRIPTION
1	1931318	1	CARRIAGE BOLT, 1/4-20 x 7/8, Black
2	1960518	1	NUT, Push, 1/4, Black
3	1960353	2	WASHER, 1/4, Black
4	1704873	1	CLAMP, Wire, Black
5	1916964	1	LOCKWASHER, 1/4, Black
6	1916622	1	NUT, Hex, 1/4-10, Black
7	1723938	1	SPRING, Torsion, Black
8	1931335	1	CARRIAGE BOLT, 5/16-18 x 1, Black
9	1933988	1	NUT, Push, 5/16, Black
10	1919381	1	WASHER, 5/16, Black
11	1917356	1	LOCKWASHER, 5/16, Black
12	1917372	1	NUT, Hex, 5/16, Black
13	1719617	1	ROD
14	1719597	1	DOOR, Mulching
15	1726825	1	ARBOR SHAFT & BEARING ASSEMBLY
16	1720600	1	DEFLECTOR, Discharge
17	1714419	1	NUT, Hex Flange, 9/16-18
18	1656916	4	WASHER, Spring, 7/16, Black
19	1713091	1	PULLEY, 5" OD x 1" ID
20	1719870	1	HUB
21	1724453	2	SPROCKET & FLANGE ASSEMBLY, 38 Tooth
22	1655729A	2	HOUSING, Arbor, Top
23	1707335	2	GASKET, Foam
24	1722396	2	ARBOR SHAFT & BEARINGS ASSEMBLY
25	1703273A	2	HOUSING, Arbor, Bottom, w/Lube Fitting
26	1930584	1	CAPSCREW, Hex Head, 7/16-14 x 2-3/4, GR 8, Black
27	1933263	1	WASHER, 7/16, Black
28	1721254	1	COVER, Arbor, LH, Black
29	1664847	6	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
30	1686977	1	HOUSING ASSEMBLY, Orange
30	1686977	1	HOUSING ASSEMBLY, Red
31	1719624A	1	BLADE, Mower, 20-3/8, LH
32	1722258	2	PIN, Blade
33	1722257	2	WASHER, Spline
34	2827120	2	CAPSCREW, Hex Head, 7/16-14 x 1-1/4, GR 8
35	1655777	2	ADAPTER, Blade
36	1700229A	2	SHIELD, Bearing
37	1700230	2	WASHER, Shim, Black
38	1677274A	2	ADAPTER, Arbor
39	1960373	12	CAPSCREW, Hex Head, 5/16-18 x 1, Black
40	1719623A	1	BLADE, Mower, 20-3/8, RH
41	1657969A	2	BEARING SHIELD
42	1713675	2	WASHER, Bellville
43	1721155	1	COVER ASSEMBLY, Arbor, RH (Includes Ref. Nos. 43 thru 48)

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

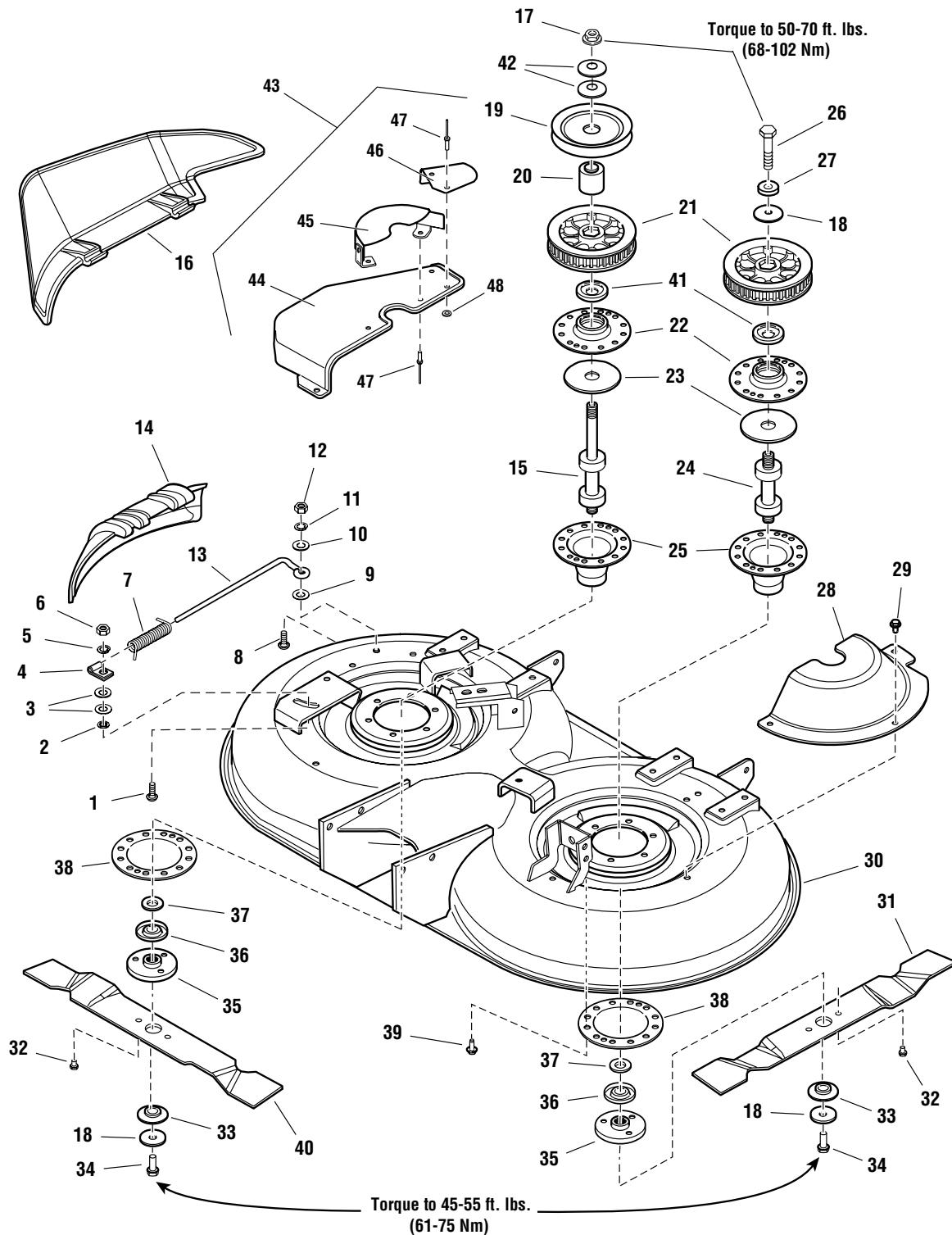
1694344 - 40" Mower

1694345 - 40" Mower

## 40" Mower Deck - Housing, Arbors & Blades

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986259



**The above parts group applies to the following Mfg. Nos.:**

1694344 - 40" Mower  
1694345 - 40" Mower

## **40" Mower Deck - Housing, Arbors & Blades**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
44	1724600	1	COVER, Arbor RH
45	1721259A	1	GUARD ASSEMBLY, RH
46	1721132A	1	GUARD, Extension
47	1675044	1	RIVIT, Pop
48	1960096	4	WASHER, 3/16 x 3/4 x 1/16

### **Footnotes**

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**The above parts group applies to the following Mfg. Nos.:**

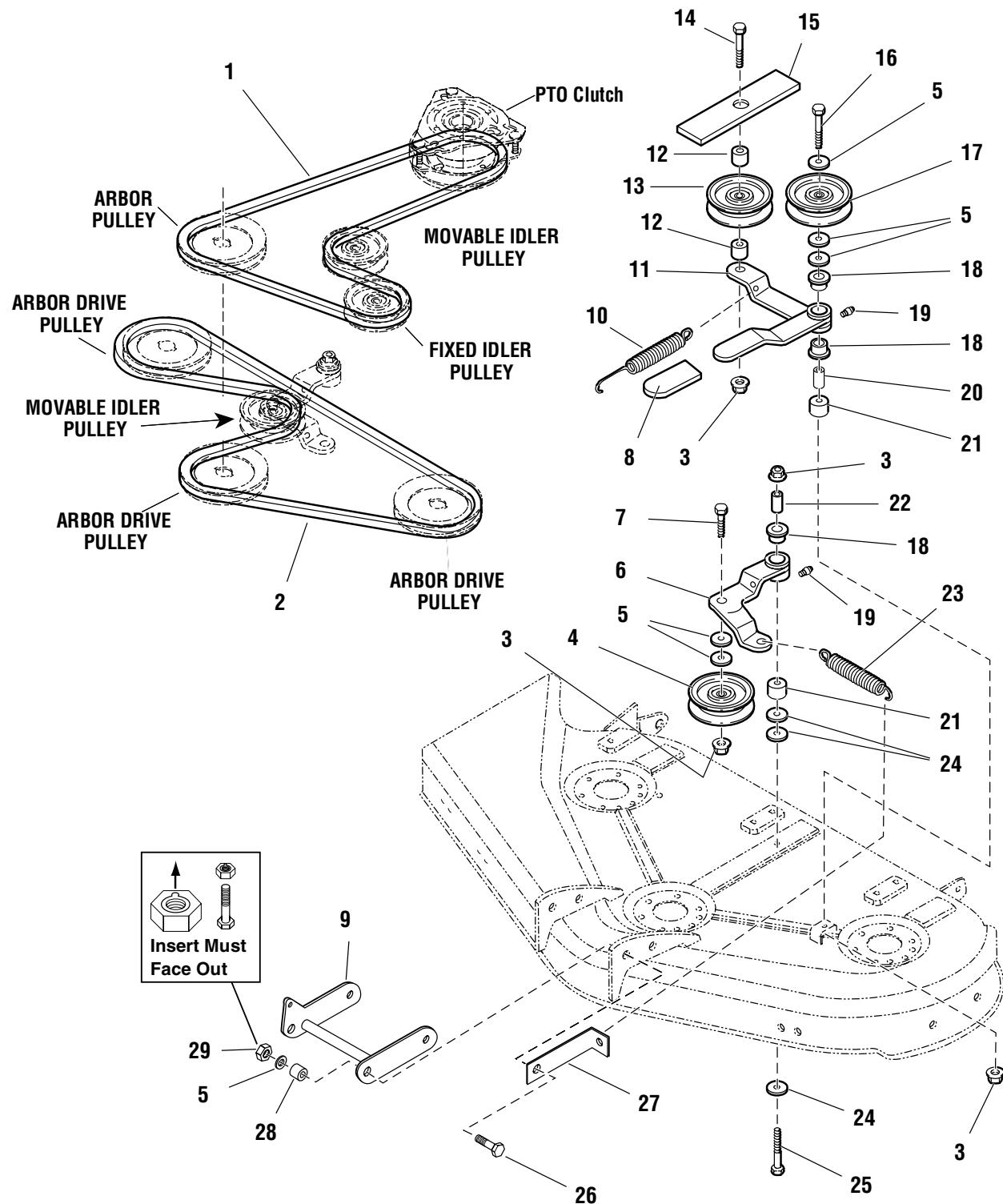
1694344 - 40" Mower

1694345 - 40" Mower

## 44" Mower Deck - Belt, Idler Arm & Hitch

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986160



The above parts group applies to the following Mfg. Nos.:

1694783 - 44" Mower  
1694784 - 44" Mower

## 44" Mower Deck - Belt, Idler Arm & Hitch

REF NO	PART NO.	QTY.	DESCRIPTION
1	1713549	1	V-BELT, Arbor Drive
2	1721532	1	V-BELT, Arbor Drive
3	1960339	4	NUT, Hex Flange Lock, 3/8-16
4	1724387	1	PULLEY, Idler
5	1924940	7	WASHER, 3/8
6	1718561	1	LEVER ASEMBLY, Idler, w/Bushings
7	1960268	1	CARRIAGE BOLT, 3/8-16 x 1-1/4, Black
8	1665835	1	GRIP, Black
9	1722040A	1	HITCH ASSEMBLY
10	1714062	1	SPRING, Extension, 8" Long
11	1724005	1	LEVER & HANDLE ASSEMBLY, w/Bushings
12	1667812	2	SPACER
13	2171247	1	PULLEY, Idler
14	1923903	1	CAPSCREW, Hex Head, 3/8-16 x 3, Black
15	1724178A	1	PLATE, Upstop
16	1923938	1	CAPSCREW, Hex Head, 3/8-16 x 3-1/2, Black
17	1706510	1	PULLEY, Idler
18	1676148	3	BUSHING
19	2812808	2	FITTING, Lube
20	1657242	1	SPACER
21	1667811	2	SPACER
22	1674669A	1	SPACER
23	1703801	1	SPRING, Extension, 5-13/16" Long
24	1924356	3	WASHER, 3/8, Black
25	1921972	1	CAPSCREW, Hex Head, 3/8-16 x 2-1/2, Black
26	1921969	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
27	1723794A	1	BRACKET, "L"
28	2157081	2	SPACER
29	2860641	2	NUT, Hex Lock, Aluminum Insert, 3/8-16

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

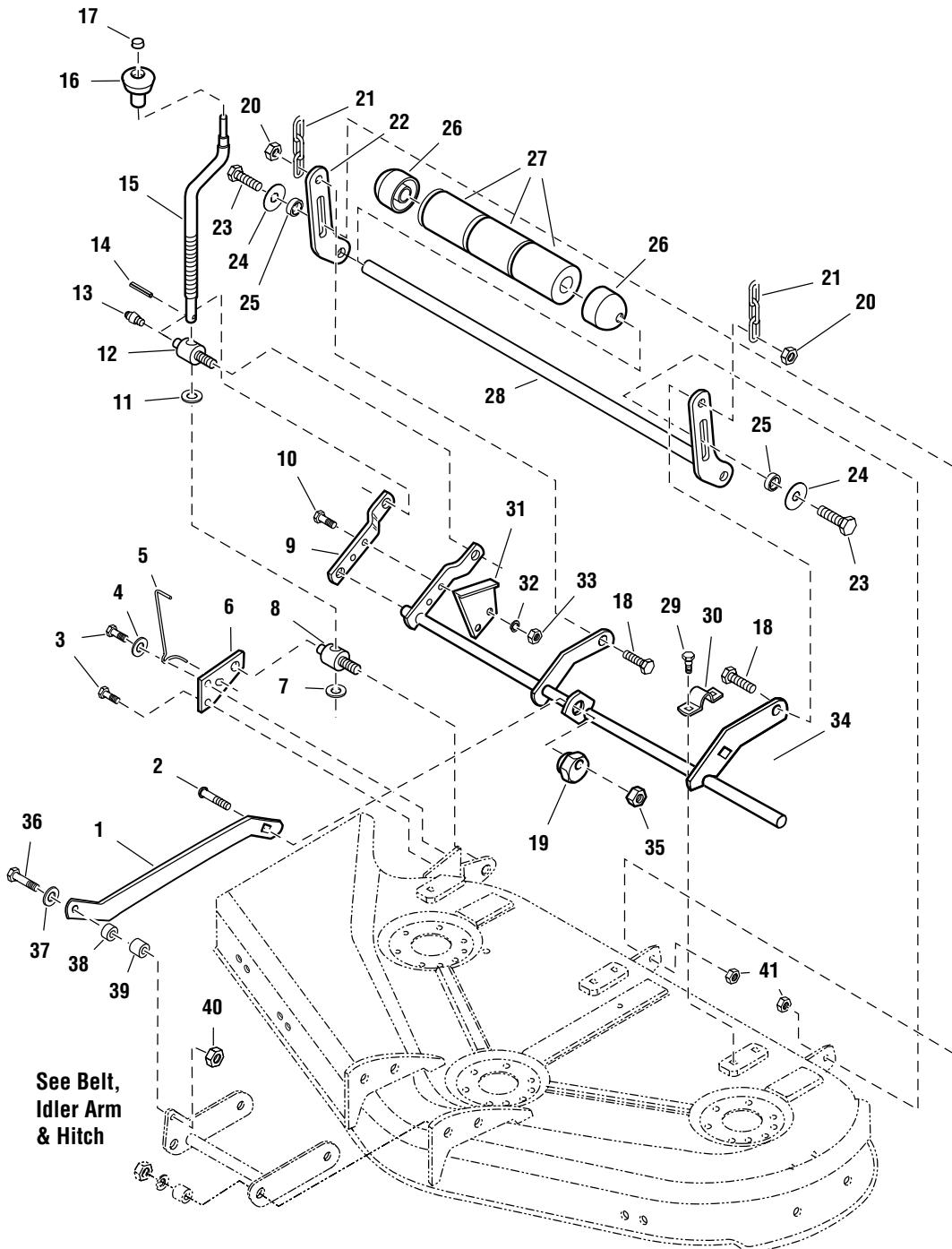
1694783 - 44" Mower

1694784 - 44" Mower

## 44" Mower Deck - Height Adjustment & Roller Bar

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986868



**The above parts group applies to the following Mfg. Nos.:**

1694783 - 44" Mower

1694784 - 44" Mower

## 44" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO.	QTY.	DESCRIPTION
1	1724833A	1	ARM,Pitch
2	1931352	1	CARRIAGE BOLT,3/8-16 x 1-1/2, Black
3	1931202	2	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 1-1/4, Black
4	1919381	1	WASHER, 5/16, Black
5	1704114	1	ROD, Height of Cut
6	1704080A	1	PLATE
7	1704097	1	WASHER, Detent, Black
8	1724009	1	TRUNNION
9	1704083A	1	ARM
10	1921977	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
11	1960170	1	WASHER, 1/2, Black
12	1704087	1	TRUNNION
13	1704314	1	FITTING, Lube
14	2816001	1	PIN, Spring
15	1727681	1	CRANK, Height Adjustment, Black
16	1714084	1	KNOB, Spinner
17	1960093	1	NUT, Push, 3/8, Black
18	1921969	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
19	1704082	1	NUT, Hex Adjusting
20	1960339	2	NUT, Hex MAC Large, 3/8-16, Black
21	1656835A	2	CHAIN, Link, 3 Links
22	1723150A	1	BAR, Roller
23	1921977	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
24	1960044	2	WASHER, 5/16, Black
25	1960236	2	SPACER
26	1717675	2	ROLLER, Rounded, 5/8 ID x 2-1/2 OD x 2" Long
27	1668513	3	ROLLER, 5/8 ID x 2-1/2 OD x 4" Long
28	1722078A	1	SHAFT & BAR ASSEMBLY
29	1664847	6	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
30	1665374A	3	STRAP
31	1704116A	1	BRACKET, Height of Cut
32	1917356	2	LOCKWASHER, 5/16
33	1917372	2	NUT, Hex, 5/16-18, Black
34	1724968A	1	SHAFT ASSEMBLY
35	1916950	1	NUT, Hex, 3/8-16, Black
36	1923701	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
37	1924940	1	WASHER
38	1611705	1	SPACER
39	1667812	1	SPACER
40	2860641	1	NUT, Hex, 3/8-16
41	2860643	2	NUT, Hex Flange Lock, 5/16-18

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

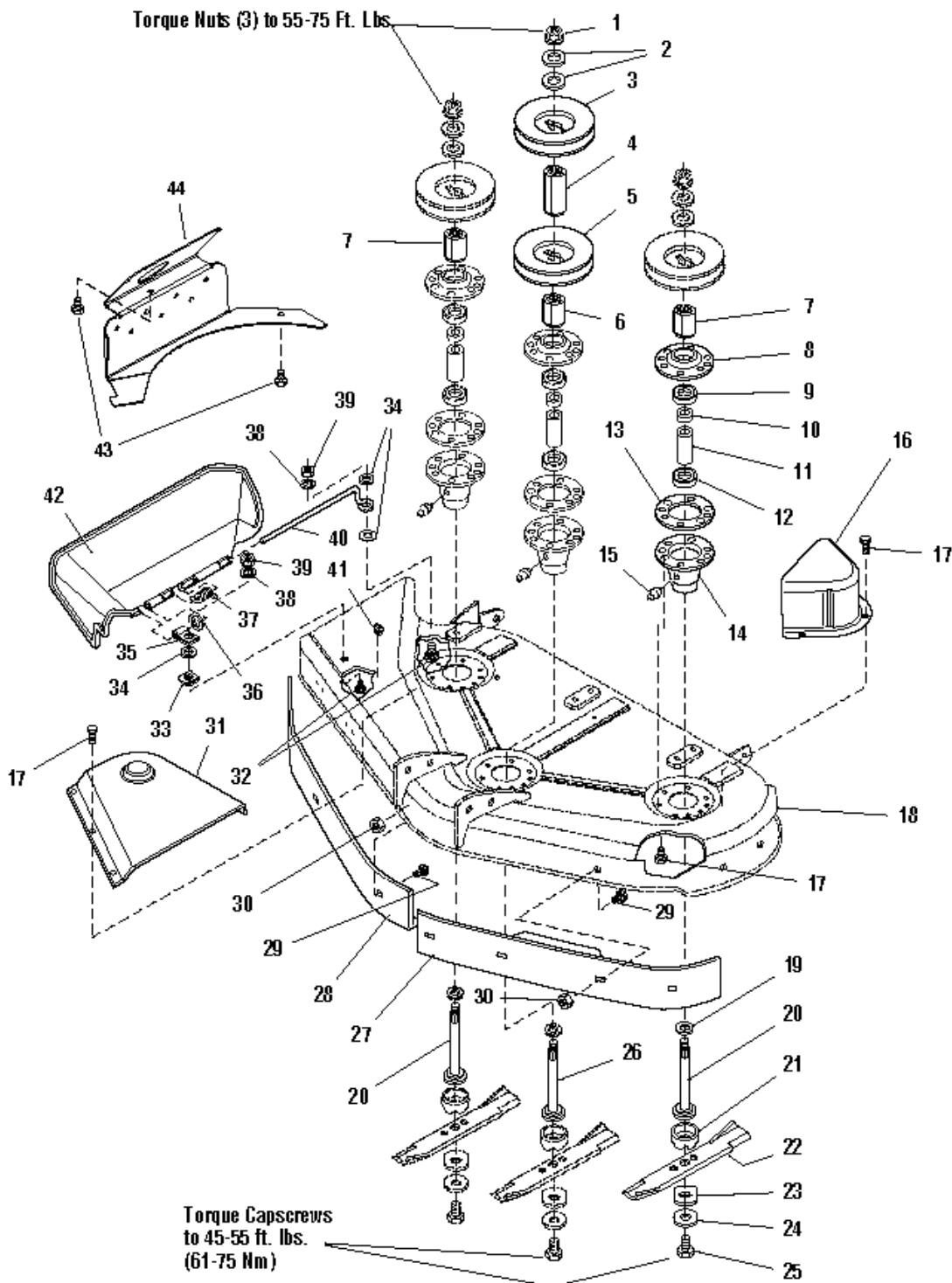
1694783 - 44" Mower

1694784 - 44" Mower

## 44" Mower Deck - Housing, Arbors & Blades

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

986798



**The above parts group applies to the following Mfg. Nos.:**

1694783 - 44" Mower  
1694784 - 44" Mower

## 44" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO.	QTY.	DESCRIPTION
1	1714419	3	NUT, Hex Flange, 9/16-18
2	1713675	6	WASHER, Bellville
3	1713161	1	PULLEY
4	1713158	1	HUB
5	1713098	3	PULLEY
6	1713533	1	HUB
7	1713197	2	HUB
8	1655729A	3	COVER, Arbor Housing
9	2108202	3	BEARING
10	1715724	3	SPACER
11	1715723	3	SPACER
12	1705897	3	BEARING
13	1707335	3	GASKET, Foam
14	1713338	3	HOUSING, Arbor, Bottom (Includes Ref. No. 15)
15	1704314	3	FITTING, Lube
16	1718374	1	COVER, Arbor
17	1664847	31	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4, Black
18	1686937	1	HOUSING ASSEMBLY, 44" Front Cut
19	1713619	3	WASHER, Cup
20	1713195	2	SHAFT
21	1713196	3	SHIELD, Grass
22	1716696A	3	BLADE, Mower, 44" Deck, 16-1/4
23	1713089	3	WASHER, Hex, Special
24	1656916	3	WASHER, Black
25	2823471	3	CAPSCREW, Hex Head, 7/16-14 x 1-1/4, Black
26	1713612	1	SHAFT, Arbor
27	1716149A	1	BAFFLE, Anti-Blowout, LH (Export)
28	1721946A	1	BAFFLE, Anti-Blowout, RH (Export)
29	1931333	8	CARRIAGE BOLT, 5/16-18 x 3/4, Black (qty. 2 for Domestic)
30	1927557	8	NUT, Hex Flange Whiz Lock, 5/16-18, Black (qty. 2 for Domestic)
31	1703601	1	COVER, Arbor
32	1931318	2	CARRIAGE BOLT, 1/4-20 x 7/8, Black
33	1960518	2	NUT, Push, 1/4, Black
34	1960353	3	WASHER, 1/4, Black
35	1704873	1	CLAMP
36	1919326	1	WASHER, 5/16, Black
37	1723938	1	SPRING, Torsion
38	1916964	2	LOCKWASHER, 1/4, Black
39	1916622	2	NUT, Hex, 1/4-20, Black
40	1706709A	1	ROD
41	1705115	1	PLUG, Hole
42	1705449	1	DEFLECTOR, Plastic
43	1921332	2	CAPSCREW, Hex Head, 5/16-18 x 3/4
44	1727448A	1	PLATE, Closure Discharge

### Footnotes

**The above parts group applies to the following Mfg. Nos.:**

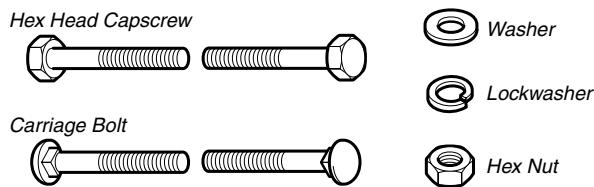
1694783 - 44" Mower

1694784 - 44" Mower



# Hardware Identification & Torque Specifications

## Common Hardware Types

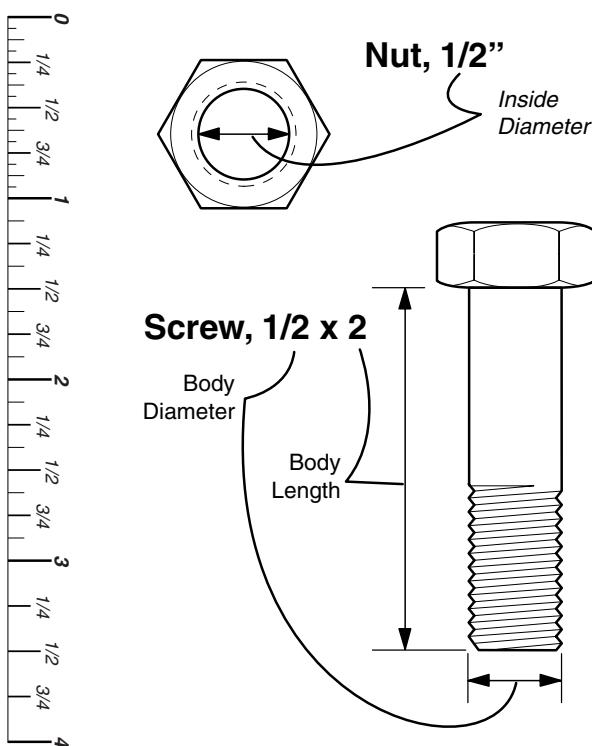


## Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

**The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.**



## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance  $\pm 20\%$ )

Hardware Grade	No Marks		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

### NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
  - a. for prevailing torque locknuts - use 65% of grade 5 torques.
  - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Wrench & Fastener Size Guide



1/4" Bolt or Nut  
Wrench—7/16"



5/16" Bolt or Nut  
Wrench—1/2"



3/8" Bolt or Nut  
Wrench—9/16"



7/16" Bolt or Nut  
Wrench (Bolt)—5/8"  
Wrench (Nut)—11/16"



1/2" Bolt or Nut  
Wrench—3/4"

***Simplicity***

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MANUFACTURING, INC.

500 N. Spring Street / PO Box 997  
Port Washington, WI 53074-0997 USA

[www.simplicitymfg.com](http://www.simplicitymfg.com)

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